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| Patent Authority |                | Kind | Latest Date | Volume |
|------------------|----------------|------|-------------|--------|
| AR               | Argentina      | A1   | 11-Jan-23   | 4      |
|                  |                | A4   | 07-Dec-22   | 1      |
| AT               | Austria        | A1   | 15-Jan-23   | 11     |
|                  |                | A2   | 15-Sep-21   | 1      |
|                  |                | A3   | 15-Jan-23   | 4      |
|                  |                | A4   | 15-Dec-22   | 14     |
|                  |                | B1   | 15-Jan-23   | 28     |
|                  |                | U1   | 15-Jan-23   | 7      |
|                  |                |      |             |        |
| AU               | Australia      | A1   | 02-Feb-23   | 1944   |
|                  |                | A2   | 02-Feb-23   | 2      |
|                  |                | A4   | 02-Feb-23   | 19     |
|                  |                | A8   | 02-Feb-23   | 4      |
|                  |                | A9   | 02-Feb-23   | 2      |
|                  |                | B1   | 02-Feb-23   | 8      |
|                  |                | B2   | 02-Feb-23   | 904    |
|                  |                | B4   | 02-Feb-23   | 8      |
|                  |                | B8   | 02-Feb-23   | 1      |
|                  |                | B9   | 02-Feb-23   | 9      |
|                  |                | C1   | 02-Feb-23   | 19     |
|                  |                | C4   | 02-Feb-23   | 1      |
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|                  |                |      |             |        |
| BE               | Belgium        | B1   | 21-Nov-22   | 8      |
| BR               | Brazil         | A2   | 20-Dec-22   | 421    |
|                  |                | A8   | 20-Dec-22   | 469    |
|                  |                | B1   | 20-Dec-22   | 1147   |
|                  |                | B8   | 20-Dec-22   | 241    |
|                  |                | E2   | 29-Nov-22   | 11     |
|                  |                | F1   | 29-Nov-22   | 8      |
|                  |                | U2   | 20-Dec-22   | 46     |
|                  |                | U8   | 20-Dec-22   | 45     |
|                  |                | Y1   | 20-Dec-22   | 39     |
|                  |                | Y8   | 20-Dec-22   | 7      |
| CA               | Canada         | A1   | 30-Jan-23   | 311    |
|                  |                | C    | 24-Jan-23   | 96     |
| CH               | Switzerland    | A1   | 30-Dec-22   | 8      |
|                  |                | A2   | 13-Jan-23   | 17     |
|                  |                | A8   | 15-Nov-22   | 2      |
|                  |                | A9   | 30-Dec-22   | 1      |
|                  |                | B1   | 13-Jan-23   | 27     |
|                  |                | B8   | 30-Dec-22   | 2      |
|                  |                |      |             |        |
| CN               | China          | A    | 24-Jan-23   | 17748  |
|                  |                | A8   | 23-Dec-22   | 2      |
|                  |                | B    | 24-Jan-23   | 7548   |
|                  |                | B8   | 24-Jan-23   | 3      |
|                  |                | B9   | 24-Jan-23   | 1      |
|                  |                | U    | 24-Jan-23   | 35119  |
|                  |                | U8   | 06-Jan-23   | 8      |
|                  |                | U9   | 13-Jan-23   | 3      |
|                  |                | Y    | 09-Jan-08   | 1      |
|                  |                |      |             |        |
| CZ               | Czech Republic | A3   | 18-Jan-23   | 6      |
|                  |                | B6   | 04-Jan-23   | 4      |
| DE               | Germany        | A1   | 02-Feb-23   | 815    |
|                  |                | A5   | 02-Feb-23   | 11     |
|                  |                | A8   | 26-Jan-23   | 1      |

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| DK               | Denmark                      | B3   | 02-Feb-23   | 21     |
|                  |                              | B4   | 02-Feb-23   | 527    |
|                  |                              | B8   | 02-Feb-23   | 1      |
|                  |                              | C5   | 02-Feb-23   | 3      |
|                  |                              | T5   | 02-Feb-23   | 62     |
|                  |                              | U1   | 02-Feb-23   | 78     |
|                  |                              | A    | 06-Jan-23   | 5      |
|                  |                              | B    | 16-Jan-23   | 4      |
|                  |                              | B1   | 27-Feb-20   | 1      |
|                  |                              | A    | 02-Oct-91   | 175    |
| EA               | Eurasian Patent Organisation | A1   | 01-Feb-23   | 953    |
|                  |                              | A2   | 01-Feb-23   | 50     |
|                  |                              | A3   | 01-Feb-23   | 5      |
|                  |                              | A4   | 25-Jan-23   | 11     |
|                  |                              | B    | 03-Oct-90   | 7      |
|                  |                              | B1   | 01-Feb-23   | 94     |
|                  |                              | B2   | 01-Feb-23   | 5      |
|                  |                              | A1   | 20-Dec-22   | 2      |
|                  |                              | T3   | 22-Jun-17   | 2      |
|                  |                              | U    | 07-Dec-22   | 4      |
| FR               | France                       | A1   | 03-Feb-23   | 141    |
|                  |                              | A3   | 03-Feb-23   | 9      |
|                  |                              | B1   | 30-Dec-22   | 15     |
|                  |                              | A    | 01-Feb-23   | 179    |
|                  |                              | A8   | 01-Feb-23   | 5      |
|                  |                              | A9   | 01-Feb-23   | 5      |
|                  |                              | B    | 01-Feb-23   | 96     |
|                  |                              | B8   | 01-Feb-23   | 1      |
|                  |                              | C    | 01-Feb-23   | 1      |
|                  |                              | A    | 16-Apr-21   | 1      |
| GB               | Great Britain                | A0   | 30-Sep-22   | 49     |
|                  |                              | A1   | 30-Sep-22   | 829    |
|                  |                              | A2   | 12-Aug-22   | 7      |
|                  |                              | A1   | 28-Jan-23   | 13     |
|                  |                              | U1   | 31-Jan-20   | 6      |
|                  |                              | A    | 01-Jul-22   | 8      |
|                  |                              | A    | 20-Jan-23   | 210    |
|                  |                              | B    | 20-Jan-23   | 9      |
|                  |                              | A    | 30-Jan-23   | 1747   |
|                  |                              | B    | 01-Nov-71   | 1      |
| HU               | Hungary                      | B1   | 30-Jan-23   | 155    |
|                  |                              | B2   | 30-Jan-23   | 966    |
|                  |                              | U    | 25-Jan-23   | 13     |
|                  |                              | W    | 31-Jan-23   | 346    |
|                  |                              | X    | 31-Jan-23   | 297    |
|                  |                              | A    | 03-Feb-23   | 1805   |
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| ID               | Indonesia                    |      |             |        |
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| IL               | Israel                       |      |             |        |
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| IN               | India                        |      |             |        |
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| JP               | Japan                        |      |             |        |
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| KR               | Republic of Korea            |      |             |        |
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| LU               | Luxembourg                 | B1   | 03-Feb-23   | 1162   |
|                  |                            | U    | 02-Feb-23   | 27     |
|                  |                            | Y1   | 31-Jan-23   | 8      |
|                  |                            | B1   | 05-Oct-22   | 7      |
|                  |                            | A1   | 15-Aug-18   | 1      |
|                  |                            | B    | 26-Oct-22   | 1265   |
|                  |                            | A    | 24-Nov-21   | 4      |
|                  |                            | B1   | 17-Jan-23   | 16     |
|                  |                            | A2   | 30-Jul-21   | 1      |
|                  |                            | A1   | 05-Dec-22   | 24     |
| MX               | Mexico                     | B    | 16-Nov-22   | 1      |
|                  |                            | B1   | 03-Dec-22   | 2      |
|                  |                            | U    | 16-Nov-22   | 1      |
|                  |                            | U1   | 09-Dec-22   | 30     |
|                  |                            | A1   | 27-Dec-22   | 78     |
|                  |                            | B1   | 27-Dec-22   | 188    |
|                  |                            | U1   | 27-Dec-22   | 20     |
|                  |                            | Y1   | 19-Dec-22   | 21     |
|                  |                            | A1   | 15-Sep-22   | 1      |
|                  |                            | A    | 01-Jan-23   | 7      |
| MY               | Malaysia                   | A0   | 30-Dec-22   | 8      |
|                  |                            | A2   | 30-Dec-22   | 15     |
|                  |                            | A4   | 30-Dec-22   | 1      |
|                  |                            | A    | 26-Dec-22   | 83     |
|                  |                            | C1   | 26-Dec-22   | 23     |
|                  |                            | C2   | 21-Dec-22   | 2      |
|                  |                            | U1   | 27-Dec-22   | 145    |
|                  |                            | A1   | 13-Jun-17   | 1      |
|                  |                            | A3   | 07-Dec-22   | 1      |
|                  |                            | A    | 17-Sep-07   | 2      |
| NL               | Netherlands                | R0   | 17-Aug-21   | 2      |
|                  |                            | A2   | 21-Feb-20   | 13     |
|                  |                            | U5   | 23-Dec-19   | 2      |
|                  |                            | A    | 01-Nov-22   | 6      |
|                  |                            | B1   | 21-Nov-22   | 25     |
|                  |                            | U    | 21-Nov-22   | 17     |
|                  |                            | A1   | 02-Feb-23   | 11325  |
|                  |                            | A2   | 02-Feb-23   | 3      |
|                  |                            | A9   | 02-Feb-23   | 7      |
|                  |                            | B1   | 31-Jan-23   | 1177   |
| NZ               | New Zealand                | B2   | 31-Jan-23   | 430    |
|                  |                            | C1   | 17-Jan-23   | 3      |
|                  |                            | A    | 25-Oct-22   | 29     |
|                  |                            | A    | 03-Jul-86   | 7      |
|                  |                            | A1   | 02-Feb-23   | 4710   |
|                  |                            | A2   | 02-Feb-23   | 206    |
| PH               | Philippines                |      |             |        |
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| PL               | Poland                     |      |             |        |
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| PT               | Portugal                   |      |             |        |
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| RD               | Research Disclosure        |      |             |        |
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| RO               | Romania                    |      |             |        |
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| RU               | Russian Federation         |      |             |        |
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| SE               | Sweden                     |      |             |        |
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| SK               | Slovakia                   |      |             |        |
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| TH               | Thailand                   |      |             |        |
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| TR               | Turkey                     |      |             |        |
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| TW               | Taiwan                     |      |             |        |
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| US               | United States Of America   |      |             |        |
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| VN               | Viet Nam                   |      |             |        |
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| WO               | Patent Co-operation Treaty |      |             |        |
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| ZA               | South Africa | A3   | 02-Feb-23   | 236    |
|                  |              | A4   | 02-Feb-23   | 14     |
|                  |              | A8   | 02-Feb-23   | 15     |
|                  |              | A9   | 02-Feb-23   | 52     |
|                  |              | A    | 21-Dec-22   | 120    |