

Title (en)
INK CARTRIDGE DETERMINATION SYSTEM

Title (de)
TINTENPATRONENBESTIMMUNGSSYSTEM

Title (fr)
SYSTÈME DE DÉTERMINATION DE CARTOUCHE D'ENCRE

Publication
EP 3205505 A1 20170816 (EN)

Application
EP 17162679 A 20080228

Priority

- EP 17162679 A 20080228
- EP 11190790 A 20080228
- EP 09179890 A 20080228
- EP 08003699 A 20080228

Abstract (en)
An ink cartridge includes a first signal blocking portion, a second signal blocking portion, and a third signal blocking portion. The first signal blocking portion is configured to either prevent a first signal from passing therethrough or to alter a path of the first signal when the first signal blocking portion receives the first signal, the second signal blocking portion is configured to either prevent a second signal from passing therethrough or to alter a path of the second signal when the second signal blocking portion receives the second signal, and the third signal blocking portion is configured to either prevent the second signal from passing therethrough or to alter a path of the second signal when the third signal blocking portion receives the second signal.

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B41J 2/17566 (2013.01)

Citation (applicant)

- US 24454 A 18590621
- US 195225 A 18770918

Citation (search report)

- [A] EP 1772270 A2 20070411 - BROTHER IND LTD [JP]
- [A] EP 1826009 A2 20070829 - BROTHER IND LTD [JP]
- [A] EP 1234675 A2 20020828 - CANON KK [JP]
- [A] EP 1790480 A1 20070530 - BROTHER IND LTD [JP]
- [A] US 7188939 B1 20070313 - SASAKI TOYONORI [JP]
- [A] EP 1839871 A1 20071003 - BROTHER IND LTD [JP]
- [A] EP 1839873 A1 20071003 - BROTHER IND LTD [JP]
- [A] EP 1792736 A1 20070606 - BROTHER IND LTD [JP]
- [A] US 2007229615 A1 20071004 - HATTORI SHINGO [JP], et al

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DOCDB simple family (publication)
EP 2045079 A1 20090408; EP 2045079 B1 20100303; EP 2045079 B2 20180117; EP 2045079 B9 20100901; AT E459480 T2 20100315;
AT E526171 T1 20111015; DE 202008017719 U1 20100422; DE 202008017956 U1 20110120; DE 202008017957 U1 20101223;
DE 202008017959 U1 20110120; DE 602008000747 D1 20100415; DK 2045079 T3 20100406; DK 2045079 T4 20180430;
DK 2147797 T3 20111121; DK 2161134 T3 20131028; DK 2279869 T3 20130211; DK 2279870 T3 20130311; DK 2433801 T3 20131125;
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EP 3205506 A1 20170816; EP 3205506 B1 20200701; ES 2338720 T3 20100511; ES 2338720 T5 20180306; ES 2370142 T3 20111213;
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PL 2045079 T3 20100531; PL 2045079 T5 20180430; PL 2147797 T3 20111230; PL 2161134 T3 20131231; PL 2279869 T3 20130430;
PL 2279870 T3 20130430; PL 2433801 T3 20140131

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DK 08003699 T 20080228; DK 09175170 T 20080228; DK 09179890 T 20080228; DK 10189156 T 20080228; DK 10189157 T 20080228;
DK 11190785 T 20080228; EP 09175170 A 20080228; EP 09179890 A 20080228; EP 10189156 A 20080228; EP 10189157 A 20080228;
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ES 10189157 T 20080228; ES 11190785 T 20080228; HK 09108012 A 20090902; PL 08003699 T 20080228; PL 09175170 T 20080228;
PL 09179890 T 20080228; PL 10189156 T 20080228; PL 10189157 T 20080228; PL 11190785 T 20080228