Title (en)

Ink cartridge, set of ink cartridges, and ink cartridge determination system

Title (de)

Tintenpatrone, Satz von Tintenpatronen und Tintenpatronenbestimmungssystem

Title (fr)

Cartouche d'encre, ensemble de cartouches d'encres, et système pour déterminer la cartouche d'encre

Publication

EP 2039520 B1 20100217 (EN)

Application

EP 08003712 A 20080228

Priority

EP 08003712 A 20080228

Abstract (en)

[origin: EP2039520A1] An ink cartridge includes a first signal blocking portion configured to selectively prevent a first signal from passing therethrough or to alter a path of the first signal. The ink cartridge also includes a second signal blocking portion configured to selectively prevent a second signal from passing therethrough or to alter a path of the second signal. The second signal blocking portion has a thickness determinative of whether the second signal blocking portion prevents the second signal from passing therethrough or alters the path of the second signal at a time that the first signal blocking portion initially prevents the first signal from passing therethrough or alters the path of the first signal.

IPC 8 full level

B41J 2/175 (2006.01)

CPC (source: EP)

B41J 2/17509 (2013.01); **B41J 2/17513** (2013.01); **B41J 2/1752** (2013.01); **B41J 2/17523** (2013.01); **B41J 2/17546** (2013.01); **B41J 2/17553** (2013.01); **B41J 2/17566** (2013.01)

Cited by

EP2397329A1; FR2961433A1; EP2397334A1; FR2961435A1; CN105365395A; EP2397331A1; EP2397332A1; CN102285235A; EP2397333A1; CN102285233A; EP2233299A1; US8534813B2; US8246139B2; US8449091B2; US11376858B2; US8025378B2; US8079689B2; US8096646B2; US9493007B2; US9469119B2; US9498969B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2039520 A1 20090325; **EP 2039520 B1 20100217**; **EP 2039520 B2 20180110**; AT E457875 T2 20100315; AT E526170 T1 20111015; AT E534523 T2 20111215; DE 202008017675 U1 20100318; DE 202008017955 U1 20110120; DE 202008017958 U1 20101223; DE 602008000663 D1 20100401; DK 2039520 T3 20100412; DK 2039520 T4 20180423; DK 2147796 T3 20111024; DK 2161135 T3 20120130; DK 2161135 T4 20191014; DK 2279871 T3 20131028; EP 2147796 A2 20100127; EP 2147796 A3 20100428; EP 2147796 B1 20110928; EP 2161135 A2 20100310; EP 2161135 A3 20100505; EP 2161135 B1 20111123; EP 2161135 B2 20190703; EP 2279871 A2 20110202; EP 2279871 A3 20110323; EP 2279871 B1 20130911; EP 2279871 B2 20220615; ES 2338721 T3 20100511; ES 2338721 T5 20180307; ES 2370294 T3 20111214; ES 2374627 T3 20120220; ES 2374627 T5 20200107; ES 2428848 T3 20131111; HK 1128660 A1 20091106; PL 2039520 T3 20100531; PL 2039520 T5 20180430; PL 2147796 T3 20111230; PL 2161135 T3 20120229; PL 2161135 T5 20191231; PL 2279871 T3 20131231

DOCDB simple family (application)

EP 08003712 A 20080228; AT 08003712 T 20080228; AT 09175169 T 20080228; AT 09179904 T 20080228; DE 202008017675 U 20080228; DE 202008017955 U 20080228; DE 202008017958 U 20080228; DE 602008000663 T 20080228; DK 08003712 T 20080228; DK 09175169 T 20080228; DK 09179904 T 20080228; DK 10189194 T 20080228; EP 09175169 A 20080228; EP 09179904 A 20080228; EP 10189194 A 20080228; ES 08003712 T 20080228; ES 09175169 T 20080228; ES 09179904 T 20080228; ES 10189194 T 20080228; HK 09107445 A 20090813; PL 08003712 T 20080228; PL 09175169 T 20080228; PL 09179904 T 20080228; PL 10189194 T 20080228