

Title (en)
Adapter for ink cartridge

Title (de)
Adapter für Tintenpatrone

Title (fr)
Adaptateur pour cartouche d'encre

Publication
EP 2335929 A1 20110622 (EN)

Application
EP 11160606 A 20080725

Priority
• EP 11160606 A 20080725
• EP 08013451 A 20080725

Abstract (en)
An adapter for an ink cartridge which is configured to be mounted to a cartridge mounting portion of a recording apparatus, includes a main body and a particular portion positioned at the main body. The particular portion has information about the ink cartridge which is to be used with the adapter in the cartridge mounting portion, and the particular portion is configured to block light emitted from a particular optical sensor of the cartridge mounting portion when the adapter is inserted into the cartridge mounting portion. The adapter and the ink cartridge are separate members.

IPC 8 full level
B41J 2/175 (2006.01)

CPC (source: EP)
B41J 2/17513 (2013.01); **B41J 2/1752** (2013.01); **B41J 2/17546** (2013.01); **B41J 2/17566** (2013.01)

Citation (applicant)
• JP 2007144811 A 20070614 - BROTHER IND LTD
• JP H03213349 A 19910918 - CANON KK
• JP 2005028614 A 20050203 - BROTHER IND LTD
• US 2007070138 A1 20070329 - HATTORI SHINGO [JP], et al

Citation (search report)
• [X] US 2004104984 A1 20040603 - HALL RONALD W [US], et al
• [X] US 2005168540 A1 20050804 - WILSON JOHN F [US], et al
• [A] EP 1839873 A1 20071003 - BROTHER IND LTD [JP]
• [A] US 2007229615 A1 20071004 - HATTORI SHINGO [JP], et al
• [A] EP 1839871 A1 20071003 - BROTHER IND LTD [JP]
• [A] US 2006023040 A1 20060202 - CASTLE STEVEN T [US], et al
• [E] EP 2045079 A1 20090408 - BROTHER IND LTD [JP]

Citation (third parties)
Third party :
• US 2006023040 A1 20060202 - CASTLE STEVEN T [US], et al
• EP 1826009 A2 20070829 - BROTHER IND LTD [JP]
• EP 1905594 A1 20080402 - NINESTAR IMAGE CO LTD [CN]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2147793 A1 20100127; EP 2147793 B1 20121024; DE 202008018039 U1 20110414; DE 202008018040 U1 20110505;
EP 2335928 A1 20110622; EP 2335928 B1 20130911; EP 2335929 A1 20110622; EP 2335929 B1 20160113; EP 2335929 B2 20190717;
ES 2393011 T3 20121217; ES 2431026 T3 20131122; ES 2563076 T3 20160310; ES 2563076 T5 20200214

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