

Title (en)
Fluid cartridge

Title (de)
Flüssigkeitskartusche

Title (fr)
Cartouche de fluide

Publication
EP 2740604 A2 20140611 (EN)

Application
EP 14154420 A 20101022

Priority
• EP 14154420 A 20101022
• EP 10855127 A 20101022
• US 2010053692 W 20101022

Abstract (en)
An ink cartridge (3) for an inkjet printer (2), comprising interfaces on the front face (33) for connection to a cartridge receiving structure (4), the interfaces including an ink socket (14) near a bottom face (35); a guide interface for guiding the cartridge (3) along a straight line (Y) for connecting the interfaces, the guide interface having a receiving opening (40) near the bottom face (35); a latch stop (30) and a latch track (28) in the bottom face (35) to guide and retain a latch (27) of the cartridge receiving structure (4); and an electrical circuit (10, 19) including a memory (11) comprising cartridge characteristics data, disposed near a top face (53) opposite to the bottom face (35), sunken in the front face (35) to make electrical contact after other interfaces are connected, the electrical circuit (10, 19) comprising electrodes that extend in a plane (Y, Z) perpendicular to the front face (33) and arranged on a line (PP) parallel to the front face (35) and behind the front face (35).

IPC 8 full level
B41J 2/175 (2006.01)

CPC (source: EP KR RU US)
B41J 2/17513 (2013.01 - EP US); **B41J 2/1752** (2013.01 - EP KR US); **B41J 2/17526** (2013.01 - EP KR US); **B41J 2/1755** (2013.01 - EP KR US); **B41J 2/17553** (2013.01 - EP KR US); **B41L 27/00** (2013.01 - RU)

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

DOCDB simple family (publication)
WO 2012054050 A1 20120426; AR 083524 A1 20130306; AU 2010362693 A1 20130328; AU 2010362693 B2 20140522; BR 112013009626 A2 20200422; BR 112013009626 B1 20201215; BR 122014016104 A2 20200714; CA 2813381 A1 20120426; CA 2813381 C 20141216; CL 2013000666 A1 20130809; CN 103153626 A 20130612; CN 103153626 B 20160120; CN 103153628 A 20130612; CN 103153628 B 20150408; DK 2588320 T3 20150526; DK 2588320 T6 20180528; DK 2628598 T3 20140901; DK 2740604 T3 20160215; DK 2826630 T3 20191104; DK 3225404 T3 20200210; EP 2588320 A1 20130508; EP 2588320 B1 20150415; EP 2588320 B3 20180321; EP 2616244 A1 20130724; EP 2616244 B1 20140924; EP 2628598 A1 20130821; EP 2628598 B1 20140625; EP 2633997 A1 20130904; EP 2633997 B1 20140528; EP 2740604 A2 20140611; EP 2740604 A3 20140618; EP 2740604 B1 20160113; EP 2826630 A2 20150121; EP 2826630 A3 20160622; EP 2826630 B1 20191009; EP 3034303 A1 20160622; EP 3034303 B1 20191211; EP 3225404 A1 20171004; EP 3225404 B1 20191204; EP 3530469 A1 20190828; EP 3530469 B1 20200513; EP 3530470 A1 20190828; EP 3530470 B1 20200513; ES 2473586 T3 20140707; ES 2478273 T3 20140721; ES 2511666 T3 20141023; ES 2536717 T3 20150527; ES 2536717 T7 20180521; ES 2561725 T3 20160229; ES 2752226 T3 20200403; ES 2770150 T3 20200630; ES 2796610 T3 20201127; ES 2796624 T3 20201127; HR P20150501 T1 20150703; HR P20150501 T4 20180615; HU E027454 T2 20160928; HU E046268 T2 20200228; HU E047378 T2 20200428; IL 225158 A 20170131; JP 2013540066 A 20131031; JP 5688156 B2 20150325; KR 101729592 B1 20170511; KR 101826937 B1 20180207; KR 101870852 B1 20180627; KR 101987723 B1 20190611; KR 20140009205 A 20140122; KR 20140099915 A 20140813; KR 20170021382 A 20170227; KR 20170045402 A 20170426; KR 20180069116 A 20180622; MX 2013003254 A 20131028; MY 161588 A 20170428; NO 2588320 T3 20150912; PL 2588320 T3 20150731; PL 2588320 T6 20180831; PL 2616244 T3 20150130; PL 2628598 T3 20140930; PL 2633997 T3 20140829; PL 2740604 T3 20160729; PL 2826630 T3 20200131; PL 3225404 T3 20200518; PL 3530469 T3 20200907; PL 3530470 T3 20201005; PT 2588320 E 20150611; PT 2628598 E 20140728; PT 2633997 E 20140711; PT 2740604 E 20160317; PT 2826630 T 20191112; PT 3225404 T 20200128; RU 2013123281 A 20141127; RU 2014127846 A 20160210; RU 2542140 C1 20150220; RU 2546494 C2 20150410; RU 2664354 C2 20180816; SG 189281 A1 20130531; SI 2588320 T1 20150731; TW 201233565 A 20120816; TW 201437048 A 20141001; TW 201507869 A 20150301; TW I473724 B 20150221; TW I532603 B 20160511; TW I542475 B 20160721; US 2013147885 A1 20130613; US 2013222493 A1 20130829; US 8474960 B1 20130702; US 8882252 B2 20141111; WO 2012054112 A1 20120426

DOCDB simple family (application)
US 2010053692 W 20101022; AR P110103906 A 20111021; AU 2010362693 A 20101022; BR 112013009626 A 20101022; BR 122014016104 A 20101022; CA 2813381 A 20101022; CL 2013000666 A 20130311; CN 201080069743 A 20101022; CN 201180045847 A 20110722; DK 10855127 T 20101022; DK 13155245 T 20101022; DK 14154420 T 20101022; DK 14186874 T 20101022; DK 17166344 T 20101022; EP 10855127 A 20101022; EP 11743402 A 20110722; EP 13155245 A 20101022; EP 13155259 A 20101022; EP 14154420 A 20101022; EP 14186874 A 20101022; EP 15201911 A 20101022; EP 17166344 A 20101022; EP 19168801 A 20101022; EP 19168802 A 20101022; ES 10855127 T 20101022; ES 11743402 T 20110722; ES 13155245 T 20101022; ES 13155259 T 20101022; ES 14154420 T 20101022; ES 14186874 T 20101022; ES 17166344 T 20101022; ES 19168801 T 20101022; ES 19168802 T 20101022; HR P20150501 T 20150512; HU E14154420 A 20101022; HU E14186874 A 20101022; HU E17166344 A 20101022; IL 22515813 A 20130311; JP 2013534884 A 20101022; KR 20137013125 A 20101022; KR 20147017271 A 20101022; KR 20177004698 A 20101022; KR 20177010802 A 20101022; KR 20187016736 A 20101022; MX 2013003254 A 20101022; MY P12013001113 A 20101022; NO 10855127 A 20101022; PL 10855127 T 20101022; PL 11743402 T 20110722; PL 13155245 T 20101022; PL 13155259 T 20101022; PL 14154420 T 20101022; PL 14186874 T 20101022; PL 17166344 T 20101022; PL 19168801 T 20101022; PL 19168802 T 20101022; PT 10855127 T 20101022; PT 13155245 T 20101022; PT 13155259 T 20101022; PT 14154420 T 20101022; PT 17166344 T 20101022; RU 2013123281 A 20101022; RU 2013158769 A 20131227; RU 2014127846 A 20140708; SG 2013025457 A 20101022; SI 201030936 T 20101022; TW 100138296 A 20111021; TW 103122351 A 20111021; TW 103140037 A 20111021; US 201013816695 A 20101022; US 2011044943 W 20110722; US 201313765445 A 20130212