

Title (en)
FLUIDIC DISPENSING DEVICE

Title (de)
FLUIDAUSGABEVORRICHTUNG

Title (fr)
DISPOSITIF DE DISTRIBUTION DE CAPSULE

Publication
EP 3272537 A1 20180124 (EN)

Application
EP 17182097 A 20170719

Priority

- US 201615216104 A 20160721
- US 201615239113 A 20160817
- US 201615256065 A 20160902
- US 201615278369 A 20160928

Abstract (en)
The disclosure provides a fluidic dispensing device (110), including a housing (112) and a stir bar (132). The housing (112) has an exterior wall (140-1) and a fluid reservoir (136). The exterior wall (140-1) has a first opening (140-3) in fluid communication with the fluid reservoir (136). The stir bar (132) is moveably confined within the fluid reservoir (136). The stir bar (132) has a plurality of paddles (132-1-132-4) and a rotational axis (165), with each of the plurality of paddles (132-1-132-4) that intermittently faces toward the first opening (140-3).

IPC 8 full level
B41J 2/17 (2006.01); **B41J 2/175** (2006.01); **B41J 2/195** (2006.01)

CPC (source: EP)
B41J 2/175 (2013.01); **B41J 2/17503** (2013.01); **B41J 2/17513** (2013.01); **B41J 2/17553** (2013.01); **B41J 2/195** (2013.01)

Citation (applicant)
US 2006268080 A1 20061130 - NAKAZAWA YUSUKE [JP]

Citation (search report)

- [XAY] EP 2919072 A1 20150916 - RICOH CO LTD [JP]
- [XA] JP 2006235470 A 20060907 - CANON KK
- [Y] US 2015343784 A1 20151203 - ANDERSON JR JAMES DANIEL [US], et al
- [A] EP 1764223 A2 20070321 - CANON KK [JP]

Cited by
CN112140732A; EP3332973A1; EP3332972A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3272537 A1 20180124; **EP 3272537 B1 20200325**; CN 107639939 A 20180130; CN 107639939 B 20200207; JP 2018012100 A 20180125; JP 6958057 B2 20211102

DOCDB simple family (application)
EP 17182097 A 20170719; CN 201710616898 A 20170719; JP 2017141169 A 20170720