

Title (en)

DEVICE COMPRISING AN AXIAL PISTON PUMP FOR APPLYING A FLUID PRODUCT TO A SUBSTRATE

Title (de)

VORRICHTUNG MIT EINER AXIALKOLBENPUMPE ZUM AUFBRINGEN EINES FLUIDPRODUKTS AUF EIN SUBSTRAT

Title (fr)

DISPOSITIF COMPRENANT UNE POMPE À PISTONS AXIAUX POUR L'APPLICATION D'UN PRODUIT FLUIDE SUR UN SUBSTRAT

Publication

**EP 3612321 A1 20200226 (FR)**

Application

**EP 18717932 A 20180417**

Priority

- FR 1753384 A 20170419
- EP 2018059792 W 20180417

Abstract (en)

[origin: WO2018192929A1] This application device (8), intended for applying at least one fluid product (35) to a substrate, comprises an application member (20) for formatting the or each fluid product (35) so that it can be applied to the substrate, the application member (20) having an outlet orifice (23) via which the fluid product(s) (35) exits (exit) the application device (8). The application device (8) also comprises, for at least one fluid product (35), a metering pump (24) for supplying the application member (20) with the said fluid product (35) and a device (32) for supplying the fluid product (35) to the metering pump (24). This metering pump (24) consists in an axial piston pump.

IPC 8 full level

**B05B 13/04** (2006.01); **B05B 12/00** (2018.01); **B05C 5/02** (2006.01); **B05C 11/10** (2006.01); **F04B 1/12** (2020.01)

CPC (source: EP KR US)

**B05B 13/0431** (2013.01 - EP KR US); **B05C 5/0216** (2013.01 - EP KR); **B05C 11/10** (2013.01 - EP KR); **B05C 11/1002** (2013.01 - US); **F04B 1/12** (2013.01 - EP KR); **F04B 5/02** (2013.01 - US); **B05B 12/00** (2013.01 - EP KR)

Citation (search report)

See references of WO 2018192929A1

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)

**WO 2018192929 A1 20181025**; CN 110545922 A 20191206; EP 3612321 A1 20200226; FR 3065378 A1 20181026; FR 3065378 B1 20211126; JP 2020517430 A 20200618; KR 20190138804 A 20191216; US 2020047213 A1 20200213

DOCDB simple family (application)

**EP 2018059792 W 20180417**; CN 201880025286 A 20180417; EP 18717932 A 20180417; FR 1753384 A 20170419; JP 2019556627 A 20180417; KR 20197030845 A 20180417; US 201816606176 A 20180417