

Title (en)

PUMP FOR SUPPLYING AN APPLICATION SYSTEM OF A LIQUID COVERING PRODUCT

Title (de)

FÖRDERPUMPE FÜR EIN SYSTEM ZUR AUFBRINGUNG EINES FLÜSSIGEN BESCHICHTUNGSPRODUKTS

Title (fr)

POMPE D'ALIMENTATION D'UN SYSTEME D'APPLICATION D'UN PRODUIT DE REVETEMENT LIQUIDE

Publication

**EP 3173621 B1 20190306 (FR)**

Application

**EP 16200396 A 20161124**

Priority

FR 1561346 A 20151125

Abstract (en)

[origin: US2017146008A1] A pump supplying an application system of a liquid covering product including a motor actuating at least two pistons, a drum rotated by the motor, the drum including an outer cylindrical surface having a cam profile, each piston being secured to a rod on which a roller is fastened rolling over the cam profile such that the roller connected to each piston via one of the rods is translated along the translation axis of the corresponding piston under the action of the rotation of the drum, each roller being in contact with the cam profile in an angularly offset position relative to the other rollers such that one of the pistons is moving when the other piston reaches an inversion point of its movement direction, and the pump including compensating means suitable for accelerating one of the pistons when another piston reaches an inversion point of its movement direction.

IPC 8 full level

**F04B 1/14** (2006.01); **F04B 9/04** (2006.01); **F04B 11/00** (2006.01); **F04B 49/06** (2006.01); **F04B 49/20** (2006.01); **F04B 17/03** (2006.01)

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