

Title (en)
Paint pump

Title (de)
Lackförderpumpe

Title (fr)
Pompe de peinture

Publication
EP 0718040 B1 20021127 (DE)

Application
EP 95119480 A 19951211

Priority
DE 4444671 A 19941215

Abstract (en)
[origin: EP0718040A1] A paint supply pump (10) delivers electrically conductive paint and has at least two pistons (16) which at as double pistons with their end faces turned towards each other and a distance apart. They operate in a common cylinder (14) to form a hollow chamber (22). The hollow chamber transfers the paint from the supply (18) to the delivery (20) points, and the two pistons are operated displaced and cyclically relative to each other. The operating surface of the cylinder is coated with an electrically non-conducting fluid (350, which is compatible with the paint, and which serves as a separating fluid between differing electrical potentials.

IPC 1-7
B05B 5/16; F04B 7/04

IPC 8 full level
B05B 5/16 (2006.01); **F04B 7/04** (2006.01)

CPC (source: EP)
B05B 5/1616 (2013.01); **F04B 7/045** (2013.01)

Cited by
DE19756488A1; DE19620577A1

Designated contracting state (EPC)
BE DE ES FR GB NL SE

DOCDB simple family (publication)
DE 4444671 A1 19960620; DE 59510475 D1 20030109; EP 0718040 A1 19960626; EP 0718040 B1 20021127

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