

Title (en)
Powder pump

Title (de)
Pulverförderpumpe

Title (fr)
Pompe à poudre

Publication
EP 1574261 B1 20090429 (DE)

Application
EP 05004575 A 20050302

Priority
DE 102004011445 A 20040309

Abstract (en)
[origin: EP1574261A2] The pump (1) for applying powder has a working space (5) with adjustable volume, a powder inlet (6) abutting into the space to intake powder (2), and a powder outlet (9) flowing out of the space to force out the powder in the workspace. It has a moveable piston (12) with one surface adjacent to the workspace which sucks the powder through the powder intake into the workspace using an upwards motion. The piston is pneumatically powered, a control space (15) is created on the other side of the piston from the working space to drive the pump .

IPC 8 full level
B05B 7/14 (2006.01)

CPC (source: EP)
B05B 7/1459 (2013.01)

Cited by
EP1772195A3; US7731456B2; US8167517B2; US8491227B2

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DOCDB simple family (publication)
EP 1574261 A2 20050914; EP 1574261 A3 20070926; EP 1574261 B1 20090429; AT E429978 T1 20090515; DE 102004011445 A1 20050922; DE 502005007168 D1 20090610; ES 2325770 T3 20090916

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