

Title (en)
Coating head

Title (de)
Rotationsauftragskopf

Title (fr)
Tête d'application

Publication
EP 1344573 B1 20100421 (DE)

Application
EP 03002791 A 20030207

Priority
DE 10210748 A 20020312

Abstract (en)
[origin: EP1344573A2] The applicator head (11) has a nozzle (18) for applying the medium. Inside the housing (12) is a row of inlet bores (30) from the rolling chambers (20) to the nozzle slots (18). The nozzle forms a number of individual outlet orifices (34) each communicating with one of the supply bores in the housing. A rolling slider (13) has a cylindrical surface which can seal the supply bores from inside. The slider has at least one surface groove (27) in the cylinder surface to which fluid medium can be supplied and which communicates with the supply bores to the nozzle independent of the rotary position. At least one surface groove is shaped ornamentally and has a number of closed circumferential grooves with variable width.

IPC 8 full level
B05C 5/02 (2006.01)

CPC (source: EP US)
B05C 5/025 (2013.01 - EP US); **B05C 5/0275** (2013.01 - EP US); **B05C 5/0291** (2013.01 - EP US); **B05C 5/0254** (2013.01 - EP US)

Cited by
EP3006116A1

Designated contracting state (EPC)
IT

DOCDB simple family (publication)
EP 1344573 A2 20030917; **EP 1344573 A3 20050209**; **EP 1344573 B1 20100421**; DE 10210748 A1 20031002; DE 10210748 B4 20150618; US 2003173429 A1 20030918; US 6921031 B2 20050726

DOCDB simple family (application)
EP 03002791 A 20030207; DE 10210748 A 20020312; US 37329003 A 20030224