

Title (en)
Process and apparatus for coating an object

Title (de)
Verfahren und Vorrichtung zum Aufbringen einer Beschichtung auf einen Gegenstand

Title (fr)
Procédé et appareil pour revêtir un objet

Publication
EP 0791400 B1 20000503 (DE)

Application
EP 96120821 A 19961223

Priority
CH 44796 A 19960221

Abstract (en)
[origin: EP0791400A1] The method involves feeding coating particles along a delivery line (16) with a fluid flow to emanate in a coating area of the object (2-7). Part of the fluid flow is extracted from the flow line before the outflow region (22). The fluid is separated into a particle-free and a particle-rich flow in the extraction region. The extracted part of the fluid flow originates in the particle-free flow. The extraction is performed by using the wt. difference between the particles and fluid, esp. at a curve in the flow line.

IPC 1-7
B05B 13/06; **B05B 15/04**; **B05B 7/14**; **B05D 1/12**; **B05D 7/22**

IPC 8 full level
B65D 23/08 (2006.01); **B05B 7/14** (2006.01); **B05B 13/06** (2006.01); **B05B 14/10** (2018.01); **B05B 15/04** (2006.01); **B05D 1/12** (2006.01); **B05D 7/22** (2006.01); **C23C 24/02** (2006.01)

CPC (source: EP US)
B05B 7/1404 (2013.01 - EP US); **B05B 13/0618** (2013.01 - EP US); **B05B 14/10** (2018.02 - EP US); **B05D 1/12** (2013.01 - EP US); **B05D 7/22** (2013.01 - EP US)

Cited by
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CH DE GB LI

DOCDB simple family (publication)
EP 0791400 A1 19970827; **EP 0791400 B1 20000503**; DE 59605130 D1 20000608; JP H09234413 A 19970909; TW 341551 B 19981001; US 5863600 A 19990126

DOCDB simple family (application)
EP 96120821 A 19961223; DE 59605130 T 19961223; JP 3734097 A 19970221; TW 85116270 A 19961230; US 78868797 A 19970124