

Title (en)

PROCESS AND DEVICE FOR METERING AND REGULATING THE POWDER FLOW IN A POWDER SPRAY COATING INSTALLATION

Publication

**EP 0297309 A3 19891018 (DE)**

Application

**EP 88108891 A 19880603**

Priority

DE 3721875 A 19870702

Abstract (en)

[origin: EP0297309A2] With this device, it is possible to measure and regulate directly the quantities of powder which are fed per unit time to a spray coating device for spray coating objects. For this purpose, the powder component in a powder/gas stream of the pneumatically conveyed powder is measured by a radiometric device (44) and the measured value is linked electronically, via an electronic evaluation device (42), with a value for the gas quantity which corresponds to the quantity of gas contained in the powder/gas stream and from this forms an absolute actual value of the quantity of powder conveyed per unit time. <IMAGE>

IPC 1-7

**B05B 12/08**; **B05B 7/14**

IPC 8 full level

**B05B 7/14** (2006.01); **B05B 12/08** (2006.01); **B05D 1/12** (2006.01); **G01F 1/74** (2006.01); **G01N 21/85** (2006.01)

CPC (source: EP US)

**B05B 7/1404** (2013.01 - EP US); **B05B 7/1472** (2013.01 - EP US); **B05B 12/085** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**EP 0297309 A2 19890104**; **EP 0297309 A3 19891018**; **EP 0297309 B1 19931222**; DE 3721875 A1 19890112; DE 3886453 D1 19940203; JP H0661498 B2 19940817; JP S6411662 A 19890117; US 4941778 A 19900717

DOCDB simple family (application)

**EP 88108891 A 19880603**; DE 3721875 A 19870702; DE 3886453 T 19880603; JP 14343288 A 19880610; US 21420688 A 19880701