

Title (en)

Valve unit for an electrostatic coating installation

Title (de)

Ventileinheit für eine elektrostatische Beschichtungsanlage

Title (fr)

Valve pour installation de revêtement électrostatique

Publication

EP 1245291 A3 20050126 (DE)

Application

EP 02006090 A 20020318

Priority

- DE 10115472 A 20010329
- DE 10161549 A 20011214

Abstract (en)

[origin: EP1245291A2] A main needle valve for an electrostatic sprayer has an optoelectronic sensor device with light wave conductors (20,21) with their front surfaces facing a reflex element (12) for a structural link (10) moved by the valve needle (1), which is remotely controlled to slide between two indexing positions. The optoelectronic sensor senses an indexing position and generates a corresponding sensing signal.

IPC 1-7

B05B 5/04; **B05B 1/30**; **B05B 12/08**; **G01D 5/26**

IPC 8 full level

B05B 1/30 (2006.01); **B05B 5/04** (2006.01)

CPC (source: EP)

B05B 1/306 (2013.01); **B05B 5/04** (2013.01); **B05B 12/004** (2013.01); **B05B 12/02** (2013.01); **B05B 12/08** (2013.01)

Citation (search report)

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- [Y] US 4356397 A 19821026 - LENDERKING BRUCE N, et al
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Designated contracting state (EPC)

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