

Title (en)

Apparatus for projecting a coating product with a spraying cup

Title (de)

Vorrichtung zum Auftragen von Bedichtungsmaterial mit einer Sprühglocke

Title (fr)

Dispositif de projection de produit de revêtement comprenant un bol de pulvérisation

Publication

EP 0662349 B1 19980708 (FR)

Application

EP 94403026 A 19941227

Priority

FR 9400128 A 19940107

Abstract (en)

[origin: EP0662349A1] The applicator consists of an atomising bowl which is turned by the rotor (4) of an air turbine equipped with air injectors to drive the rotor; it also incorporates a system to ensure that the centripetal resultant of the aerodynamic forces produced by the air jets is other than zero. The air injectors (12a-d) are spaced at unequal intervals round the rotor, and at least one of the injectors is directed towards the rotor at a different angle of incidence to the others. The air flows from the injectors are not equal, and the position of the centripetal force resultant is adjustable. The injectors are fed by separately controlled tubes, and the turbine can have air vanes and magnetic centring.

IPC 1-7

B05B 3/10; F01D 15/06

IPC 8 full level

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CPC (source: EP)

B05B 3/10 (2013.01); **B05B 5/0415** (2013.01); **F01D 15/06** (2013.01); **B05B 3/1092** (2013.01); **B05B 5/0426** (2013.01)

Cited by

KR100717612B1; FR2805182A1; EP0818244A1; FR2751028A1; US5893517A; US6592054B2; WO0162396A1

Designated contracting state (EPC)

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