

Title (en)

Apparatus for projecting a coating product with a spraying cup.

Title (de)

Vorrichtung zum Spritzen von Bedichtungsmaterial mit einer Sprühglocke.

Title (fr)

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

Publication

EP 0662349 A1 19950712 (FR)

Application

EP 94403026 A 19941227

Priority

FR 9400128 A 19940107

Abstract (en)

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.

Abstract (fr)

Dispositif de projection de produit de revêtement comprenant un bol (1) de pulvérisation entraîné en rotation par le rotor (4) d'une turbine à air, caractérisé en ce que des moyens (12, 112, 212) sont prévus pour que la résultante centripète (F) des forces aérodynamiques induites par les jets d'air d'entraînement en rotation sur ledit rotor (4) soit non nulle. <IMAGE>

IPC 1-7

B05B 3/10; F01D 15/06

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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