

Title (en)

Exhausting turbine air from powder coating apparatus

Title (de)

Abluftstrom einer Turbine einer Pulverbeschichtungsvorrichtung

Title (fr)

Echappement de l'air de la turbine d'un appareil de revêtement à poudre

Publication

EP 0857515 A2 19980812 (EN)

Application

EP 97122068 A 19971215

Priority

US 79507797 A 19970205

Abstract (en)

A coating dispensing head (60) includes a rotary dispensing device and a rotator (42) for rotating the rotary dispensing device. The head includes a first connection for supplying the coating to the dispensing device and a second connection for supplying motive power to the rotator. The coating is a pulverulent material entrained in a stream of fluidizing gas and the rotator (42) is a compressed gas driven turbine rotator having an output shaft extending from a first side of the turbine rotator. The dispensing device is mounted on the output shaft. The turbine rotator has a second side facing in a direction generally opposite the first side. The turbine rotator includes at least one exhaust passageway having an exhaust port provided on the second side of the turbine rotator.

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B05B 5/04

IPC 8 full level

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CPC (source: EP)

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