

Title (en)
Spray devices and spraying systems.

Title (de)
Sprühvorrichtung und -system.

Title (fr)
Appareil et système de pulvérisation.

Publication
EP 0246032 A2 19871119 (EN)

Application
EP 87304087 A 19870507

Priority
GB 8611460 A 19860510

Abstract (en)
A spindle 12 and a disc 10 are rotated. Fluid to be sprayed is passed through a feeder tube 24 to impinge on the conical valve member 30. When the fluid flow rate is considerable, the valve member 30 deflects the flow outwardly and the fluid then hits the diffuser plate 34 and is deflected outwardly towards the surface 38 of the disc 54. When the fluid hits the disc it is caused to move outwardly as a result of the centrifugal force exerted by the spinning disc. The fluid then travels over the surface 38 until it leaves the periphery 40 of the disc and is thrown outwardly.

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B05B 3/10

IPC 8 full level
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CPC (source: EP)
B05B 3/1014 (2013.01); **B05B 3/1064** (2013.01); **B05B 14/00** (2018.01)

Cited by
GB2387417A; DE10053305A1; DE10053305C2; US7055768B1; US6746536B2; WO9949983A1

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