

Title (en)  
AIR BEARING ROTARY ATOMIZER

Publication  
**EP 0250942 B1 19920805 (EN)**

Application  
**EP 87108261 A 19870606**

Priority  
US 87908286 A 19860626

Abstract (en)  
[origin: EP0481247A1] A rotary atomizer (20) having an atomizer bell (26) rotatably supported at one end of a housing or shroud (21). An opposite end of the shroud is releasably secured to a manifold (22) by fasteners (27,28). The manifold includes an inlet (63) connected to a source of coating fluid and at least one passageway (84,85,86) adapted to be connected to a source of compressed air. A fitting (34,35,36) extends from the passageway for engaging an inlet aperture on the shroud when the rotary atomizer is secured to the manifold.

IPC 1-7  
**B05B 3/10; B05B 5/04**

IPC 8 full level  
**B05B 3/10** (2006.01); **B05B 5/04** (2006.01); **B05D 1/04** (2006.01); **B05B 7/08** (2006.01)

CPC (source: EP)  
**B05B 3/1064** (2013.01); **B05B 5/001** (2013.01); **B05B 5/0407** (2013.01); **B05B 5/0422** (2013.01); **B05B 3/1092** (2013.01); **B05B 5/0426** (2013.01)

Cited by  
US5100057A; EP0850693A4; EP0369573A3; CN115228819A; US8931710B2

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**EP 0481247 A1 19920422**; AU 589018 B2 19890928; AU 7470987 A 19880107; BR 8703217 A 19880315; CA 1315538 C 19930406; DE 3780874 D1 19920910; DE 3780874 T2 19930204; EP 0250942 A2 19880107; EP 0250942 A3 19891025; EP 0250942 B1 19920805; EP 0480226 A1 19920415; JP H0286859 A 19900327; JP H0286860 A 19900327; JP H0286861 A 19900327; JP H0286862 A 19900327; JP H0286863 A 19900327; JP H0286864 A 19900327; JP H0426909 B2 19920508; JP H052391 B2 19930112; JP H054146 B2 19930119; JP H0549350 B2 19930726; JP H059144 B2 19930204; JP H059145 B2 19930204; JP H059146 B2 19930204; JP S637863 A 19880113; MX 171715 B 19931111

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**EP 91116172 A 19870606**; AU 7470987 A 19870625; BR 8703217 A 19870625; CA 540341 A 19870623; DE 3780874 T 19870606; EP 87108261 A 19870606; EP 91116171 A 19870606; JP 15956187 A 19870626; JP 20454589 A 19890807; JP 20454689 A 19890807; JP 20454789 A 19890807; JP 20454889 A 19890807; JP 20454989 A 19890807; JP 20455089 A 19890807; MX 700987 A 19870619