

Title (en)
Filling device

Title (de)
Füllvorrichtung

Title (fr)
Dispositif de remplissage

Publication
EP 0548502 B1 19970129 (DE)

Application
EP 92118335 A 19921027

Priority
• DE 4142828 A 19911223
• DE 4209117 A 19920320

Abstract (en)
[origin: EP0718194A1] The funnel flaps (18,20) have rubber sealing strips (30) which, when the flaps are open, lie sealingly against the circumferential profile section (32). Inside the funnel flaps are guide and sealing faces (22,24) for closing the open end of the filling hopper (12). A suction device is pref. attached to the housing (14) so that the dust contg. atmos. can be drawn off by a suction fan at the delivery end of the hopper.

IPC 1-7
B65B 39/00; **B65B 39/04**; **B65D 90/56**

IPC 8 full level
B65B 1/06 (2006.01); **B65B 39/00** (2006.01); **B65B 39/04** (2006.01); **B65D 90/56** (2006.01)

CPC (source: EP US)
B65B 39/002 (2013.01 - EP US); **B65B 39/04** (2013.01 - EP US); **B65D 90/56** (2013.01 - EP US)

Citation (examination)
• CH 216086 A 19410731 - W & O GERICKE [CH]
• US 4221510 A 19800909 - SMITH KENNETH C
• US 4245679 A 19810120 - SELF FREDDY R

Designated contracting state (EPC)
AT BE DE ES FR GB IT NL

DOCDB simple family (publication)
EP 0548502 A2 19930630; **EP 0548502 A3 19930929**; **EP 0548502 B1 19970129**; AT E148412 T1 19970215; BR 9205133 A 19930629; DE 4209117 A1 19930624; DE 59207992 D1 19970313; EP 0718194 A1 19960626; ES 2096005 T3 19970301; JP 3268040 B2 20020325; JP H05262301 A 19931012; US 5322096 A 19940621

DOCDB simple family (application)
EP 92118335 A 19921027; AT 92118335 T 19921027; BR 9205133 A 19921222; DE 4209117 A 19920320; DE 59207992 T 19921027; EP 95119643 A 19921027; ES 92118335 T 19921027; JP 34275392 A 19921222; US 99475192 A 19921222