

Title (en)
Dosage device

Title (de)
Dosiervorrichtung

Title (fr)
Dispositif de dosage

Publication
EP 0967149 B1 20020306 (DE)

Application
EP 99112159 A 19990623

Priority
DE 19828559 A 19980626

Abstract (en)
[origin: EP0967149A1] The device has a feeder shaft (52) with a vertical fill pipe (57) and a sliding closure cone (63) supporting blades (64) with rising pitch on its upper conical surface (66). The closure cone is rotated by a drive shaft (62) to convey material through the ring gap via the blades. The cone is adjusted with a small stroke for one open position, to free a small ring gap through which material is conveyed in small volumes by the rotating blades only; or adjusted with a large stroke, for a larger ring gap, through which material flows in larger volumes.

IPC 1-7
B65B 39/00

IPC 8 full level
B65B 39/00 (2006.01); **B65D 88/68** (2006.01)

CPC (source: EP US)
B65B 39/004 (2013.01 - EP US); **B65D 88/68** (2013.01 - EP US)

Cited by
DE102005048176B4; CN111284765A; CN102673911A; EP1783054A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0967149 A1 19991229; EP 0967149 B1 20020306; AT E214016 T1 20020315; DE 19828559 C1 20000316; DE 59900917 D1 20020411; DK 0967149 T3 20020624; ES 2173688 T3 20021016; PT 967149 E 20020830; US 6237815 B1 20010529

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