

Title (en)
DOSING DEVICE FOR POWDER

Publication
EP 0297371 B1 19920617 (DE)

Application
EP 88109737 A 19880618

Priority
DE 3721381 A 19870629

Abstract (en)
[origin: EP0297371A1] The device has a receiving container and a rinsing-out space for the apportioned metering of, in particular, powdery cleaning material from the receiving container into the rinsing-out space for supplying industrial dishwashers or washing machines. A solution is to be provided which allows the metering both of satisfactorily pourable powder cleaners and of powder cleaners with lumps and the like, whilst always achieving essentially the same metering capacity even with different levels of the powder cleaner in the receiving container and additionally reducing the risk of moisture entering the receiving container from the rinsing-out space. This is achieved by metering holes (9) in the bottom (8) of the receiving container (2) and in each case a collection plate (10), arranged with spacing below the metering holes (9), and a scraping mechanism (11) which is movable in the space between the underside of the bottom (8) and the collection plates (10) and essentially wipes over the plate surfaces.
<IMAGE>

IPC 1-7
A47L 15/44; D06F 39/02

IPC 8 full level
A47L 15/44 (2006.01); **D06F 39/02** (2006.01)

CPC (source: EP US)
A47L 15/44 (2013.01 - EP); **A47L 15/4463** (2013.01 - EP); **D06F 39/026** (2013.01 - EP US); **D06F 33/37** (2020.02 - EP US)

Cited by
DE102007048196A1; EP2048278A1; US5413259A; EP0599110A1; DE102007048199B3; EP0439705A1; FR2620924A1; US5694794A; US5829085A; GB2231339A; GB2231339B; US8359888B2; WO03023120A1; WO03022121A1; EP1747428B1; WO9609790A1; WO9318701A1; DE102007048197A1; US8220293B2; EP2048276A1

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