

Title (en)
DISPERSING DEVICE

Title (de)
DISPERGIERVORRICHTUNG

Title (fr)
DISPOSITIF DE DISPERSION

Publication
EP 1126908 A1 20010829 (DE)

Application
EP 99957911 A 19991019

Priority
• DE 9903345 W 19991019
• DE 29819508 U 19981102

Abstract (en)
[origin: US6565024B2] A dispersing device has a container that receives and processes a product to be dispersed and a grinding device with a housing that contains grinding bodies, wherein said housing has openings enabling the product to be dispersed to pass through, an agitating tool arranged in the housing and a first flow-producing device, and wherein the housing and the agitating tool can move relative to one another and at least one shaft protrudes into the housing via a through-opening that allows the product to be dispersed to enter the housing. In order to reliably prevent grinding balls from escaping from the housing or the grinding basket, it is proposed that another flow-producing device be provided in the region of the through-opening between the shaft (21) and the housing (31), which transports the product to be dispersed through the through-opening, out of the container (1) and into the housing (31) during operation and has means to prevent the grinding media from leaving the housing (31).

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B01F 7/16; **B01F 13/10**; **B02C 17/16**

IPC 8 full level
B02C 19/00 (2006.01); **B01F 7/16** (2006.01); **B01F 13/10** (2006.01); **B02C 17/16** (2006.01); **B02C 23/02** (2006.01)

CPC (source: EP US)
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Cited by
CN113057916A; CN108940471A; DE102015105815B3; EP3081305A1

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US 2002003180 A1 20020110; **US 6565024 B2 20030520**; AT E230298 T1 20030115; AU 1547700 A 20000522; DE 19982210 D2 20010927; DE 29819508 U1 19990114; DE 59903933 D1 20030206; EP 1126908 A1 20010829; EP 1126908 B1 20030102; ES 2189519 T3 20030701; JP 2002528258 A 20020903; JP 4508424 B2 20100721; WO 0025905 A1 20000511

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