

Title (en)
Vertical-shaft crusher

Title (de)
Vertikaler Brecher

Title (fr)
Broyeur à axe vertical

Publication
EP 0752273 A1 19970108 (FR)

Application
EP 96401485 A 19960705

Priority
FR 9508225 A 19950707

Abstract (en)
The grinder is constituted by two discs (1) rotated by a vertical axis shaft (2). Each disc has on its periphery hammers (3). This assembly is located in a chamber delimited laterally by a cylindrical grille (4), a bottom (5) and at the top by the lower part of a loading hopper (7). The grille is held by two rings (10) connected by columns (11) having guides. The grinder is completed by a cylindrical collar (8). Located between the collar internal face and the grill is an annular space (9) for the recovery of grinds. The grille can be displaced along the shaft axis so as to adjust the granule size.

Abstract (fr)
Broyeur à axe vertical caractérisé en ce qu'il présente une grille (4) pouvant être déplacée selon l'axe d'entraînement des marteaux (3) usuels. La grille est constituée, en tout ou partie, au moyen d'une virole cylindrique ne présentant pas de perforation. <IMAGE>

IPC 1-7
B02C 13/284; **B02C 13/14**

IPC 8 full level
B02C 13/14 (2006.01); **B02C 13/284** (2006.01)

CPC (source: EP)
B02C 13/14 (2013.01); **B02C 13/284** (2013.01)

Citation (search report)
• [XY] DE 8810234 U1 19880922
• [Y] FR 1288196 A 19620324 - COMM SALINS DU MIDI SOC
• [Y] US 2227090 A 19401231 - HUGHES DON E
• [A] EP 0525362 A1 19930203 - BUEHLER AG [CH]
• [A] DE 2255418 A1 19730517 - ACTON V E H
• [A] DE 8804662 U1 19880707

Cited by
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