

Title (en)  
Vertical-shaft crusher

Title (de)  
Vertikaler Brecher

Title (fr)  
Broyeur à axe vertical

Publication  
**EP 0752273 B1 20020612 (FR)**

Application  
**EP 96401485 A 19960705**

Priority  
FR 9508225 A 19950707

Abstract (en)  
[origin: EP0752273A1] 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.

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)

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BE CH DE ES FR GB GR IE IT LI NL PT

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**EP 0752273 A1 19970108**; **EP 0752273 B1 20020612**; DE 69621702 D1 20020718; ES 2177744 T3 20021216; FR 2736283 A1 19970110; FR 2736283 B1 19970926

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