

Title (en)  
Closed-circuit grinding device with a mill and a sifter

Title (de)  
Kreislaufmahleinrichtung mit Mühle und Sichter

Title (fr)  
Dispositif de broyage en circuit fermé avec un broyeur et un classificateur

Publication  
**EP 1430951 B1 20051012 (DE)**

Application  
**EP 03027962 A 20031205**

Priority  
DE 10259541 A 20021219

Abstract (en)  
[origin: EP1430951A1] The circulatory mill unit for the compression reduction of a granular material has a rotatably mounted material feed ring (16) in the upper region of which is a material stripping device which has at least one wheel (33a,33b) as a co-rotating braking wheel which in the region of the upper apex point of the rotating feed ring is pressed against the material (30). The wheel is driven by the material feed ring over the material and in relation to it is reducible in its circumferential speed.

IPC 1-7  
**B02C 4/02**; **B02C 23/30**; **B02C 23/32**; **B02C 15/04**

IPC 8 full level  
**B02C 4/02** (2006.01); **B02C 23/12** (2006.01); **B02C 23/30** (2006.01); **B02C 23/32** (2006.01); **B07B 4/04** (2006.01)

CPC (source: EP)  
**B02C 4/02** (2013.01); **B02C 23/12** (2013.01); **B02C 23/30** (2013.01); **B02C 23/32** (2013.01); **B07B 4/04** (2013.01)

Cited by  
CN112844564A; CN110918168A; CN110898899A; CN113578470A; CN112619759A; JP2015500137A; CN108144725A; CN114011499A; CN110193403A; CN110152774A; CN114798117A; CN112844607A; FR2957994A1; CN113680505A; CN116571339A; US9140295B2; WO2011117482A1

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DOCDB simple family (publication)  
**EP 1430951 A1 20040623**; **EP 1430951 B1 20051012**; AT E306326 T1 20051015; DE 10259541 A1 20040708; DE 50301349 D1 20060223; DK 1430951 T3 20060227

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