

Title (en)  
Disc roller mill

Title (de)  
Scheibenwalzenmühle

Title (fr)  
Broyeur à rouleaux à disque

Publication  
**EP 2422881 A3 20140423 (EN)**

Application  
**EP 11171173 A 20110623**

Priority  
FI U20100362 U 20100823

Abstract (en)  
[origin: EP2422881A2] The disc roller mill has a squeezing unit for squeezing granular feed raw material. The squeezing unit has two parallel rotatable disc rollers (68a, 68b), between which there is a gap, wherein the feed raw material to be squeezed can be led. The disc rollers have an axis (70a, 70b) and a number of discs (80) fitted around the axis. The discs have an inner part (84) in the direction of the normal to the surface of the axis and an outer edge (88). Between the inner part and the outer edge there is a squeezing surface (86), which substantially has the shape of a cut-off cone. The squeezing surface of the discs can be substantially smooth or it can have grooves substantially in the direction of the radius of the disc.

IPC 8 full level  
**B02C 4/06** (2006.01); **B02C 4/08** (2006.01); **B02C 4/28** (2006.01); **B02C 4/30** (2006.01)

CPC (source: EP)  
**B02C 4/06** (2013.01); **B02C 4/08** (2013.01); **B02C 4/286** (2013.01); **B02C 4/30** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
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DOCDB simple family (publication)  
**EP 2422881 A2 20120229; EP 2422881 A3 20140423**; FI 9055 U1 20110127; FI U20100362 U0 20100823

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**EP 11171173 A 20110623**; FI U20100362 U 20100823