

Title (en)  
METHOD AND VERTICAL MILL FOR GRINDING A PRODUCT TO BE MILLED

Title (de)  
VERFAHREN UND VERTIKALMÜHLE ZUM MAHLEN VON MAHLGUT

Title (fr)  
PROCÉDÉ ET BROYEUR VERTICAL POUR LE BROYAGE DE MATIÈRE

Publication  
**EP 2804696 B1 20160831 (DE)**

Application  
**EP 13719029 A 20130326**

Priority  
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Abstract (en)  
[origin: WO2014075815A1] The invention relates to a vertical mill for grinding a product to be milled and a method therefor, wherein the vertical mill has a grinding plate and one or more grinding rolls. A blade ring annular channel is provided for a transport gas flow rising around the grinding plate. An annular gap is provided between a downwards projecting middlings cone and the upper range of the grinding rollers through which gap even a fines content is recirculated back to the grinding plate. To overcome this disadvantage, a barrier gas flow is provided flowing from the inside towards the outside, by means of which the recirculation of ground particles of a defined size can be prevented.

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**B02C 15/001** (2013.01 - US); **B02C 15/04** (2013.01 - EP US); **B02C 23/12** (2013.01 - EP US)

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