

Title (en)  
MILLING PROCESS AND MILLING DEVICE

Publication  
**EP 0164512 B1 19861217 (DE)**

Application  
**EP 85103697 A 19850327**

Priority  
DE 3418197 A 19840516

Abstract (en)  
1. Milling process in which the fine constituents of the material comminuted in a ring mill (1) are discharged pneumatically upwards by means of an air stream supplied via a nozzle ring (15) and form a finished product whilst the coarse constituents fall downwards through the nozzle ring against the air stream and are conveyed upwards again by a mechanical elevator (3), characterized in that the combination of the following features is provided for the simultaneous production of at least two finished products of different fineness : a) the air quantity and the air speed in the nozzle ring (15) are adjusted so that a preclassification is produced in the nozzle ring and the coarse constituents in a defined quantity and gradation of grain sizes fall downwards through the nozzle ring ; b) the coarse constituents conveyed upwards by the mechanical elevator (3) are subjected to a second classification in which at least a proportion of the coarse constituents is extracted as a further finished product.

IPC 1-7  
**B02C 23/00**

IPC 8 full level  
**B02C 15/00** (2006.01); **B02C 23/00** (2006.01); **B02C 23/12** (2006.01); **B02C 23/32** (2006.01)

CPC (source: EP US)  
**B02C 15/001** (2013.01 - EP US); **B02C 23/12** (2013.01 - EP US); **B02C 23/32** (2013.01 - EP US)

Cited by  
EP0979675A1; EP0610000A3; CN102861650A; CN102861655A; FR2746329A1; US6042032A; CN107803264A; WO9735665A1; WO2013143565A1

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