

Title (en)

Method and device for grinding materials of different granular sizes

Title (de)

Verfahren und Einrichtung zum Zerkleinern von Material unterschiedlicher Körnung

Title (fr)

Procédé et dispositif de broyage de matériau avec une granulométrie variable

Publication

EP 0634219 B1 19990915 (DE)

Application

EP 94109122 A 19940614

Priority

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Abstract (en)

[origin: EP0634219A1] The invention relates to a method for grinding materials of different granular size, in which particles of material to be ground, which are thrown off over the edge of a grinding dish (6), are transported upwards in a helical flow close to the housing wall with the aid of a gas-conducting arrangement (19) which generates a twisting or rotating flow. Under the influence of centrifugal force and gravity, a particle flow is formed essentially from external granular material which, as a deaerated dense flow (17), is not involved in the actual grinding and sifting process and is extracted at least in part from the grinding/sifting space. An extraction arrangement (25) is arranged on the housing wall in the radial direction above the grinding path and connected to a mechanical conveying arrangement, in particular for guiding back into the grinding/sifting space. <IMAGE>

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