

Title (en)

ROTATINGLY DRIVABLE GRINDING MEDIA MILL FOR OBTAINING POLYISOPRENE AND/OR OTHER APOLAR MATERIALS

Title (de)

ROTIEREND ANTREIBBARE MAHLKÖRPERMÜHLE ZUR GEWINNUNG VON POLYISOPREN UND/ODER ANDEREN APOLAREN WERKSTOFFEN

Title (fr)

BROYEUR À CORPS BROYANTS ENTRAÎNABLE EN ROTATION, PERMETTANT L'OBTENTION DE POLYISOPRÈNE ET/OU D'AUTRES MATÉRIAUX APOLAIRES

Publication

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Application

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Abstract (en)

[origin: CA3161401A1] The present invention relates to a grinding media mill (2) for obtaining polyisoprene and/or other apolar materials from raw plant materials, having a drum (4) which is peripherally closed and has a milling chamber (10) that is peripherally closed and located in the interior of the drum (4). The aim of the invention is to create a grinding media mill that enables careful processing of the raw plant materials, on the one hand, but is also variable in processing intensity and throughput time, on the other hand. This aim is achieved, according to the invention, in that the milling chamber (10) is divided into a plurality of sections along the rotation axis (6) by partitions arranged crosswise to the rotation axis (6), the partitions have passage openings through which the ground product mixture can pass from one section into an adjacent section, wherein the passage openings are sized such that they retain the grinding media located in a section, and the motor (8) is provided with an apparatus (38) by means of which the rotational speed of the drum (4) is variably adjustable.

IPC 8 full level

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