

Title (en)
DISCONTINUOUS CENTRIFUGAL MACHINE WHICH IS INTENDED, IN PARTICULAR, TO SEPARATE MOLASSES FROM SUGAR CRYSTALS IN A MASSE-CUITE

Title (de)
DISKONTINUIERLICHE ZENTRIFUGE, INSBESONDERE ZUR TRENNUNG VON MELASSEN VON ZUCKERKRISTALLEN IN EINER KOCHMASSE

Title (fr)
ESSOREUSE DISCONTINUE, NOTAMMENT PREVUE POUR SEPARER LA MELASSE DES CRISTAUX DE SUCRE D'UNE MASSE CUITE

Publication
EP 1954397 A1 20080813 (FR)

Application
EP 06794346 A 20060823

Priority

- FR 2006001972 W 20060823
- FR 0508919 A 20050831

Abstract (en)
[origin: FR2889974A1] The discontinuous spin-dryer (1) to separate molasses from sugar crystals of a cooked mass, comprises centrifugation drum (2) to receive treated products, permeable wall (40), engines to rotate the drum along a vertical axis, unloading device to scrape the interior permeable wall of the drum, obturator to close/open an exit evacuation and washing device. Spades are shifted on the height of the drum to scrape an upper and lower part of the drum. The first spade is placed vertically on the upper part of the drum. The discontinuous spin-dryer to separate molasses from sugar crystals of a cooked mass, comprises centrifugation drum to receive treated products, permeable wall, engines to rotate the drum along a vertical axis, unloading device to scrape the interior permeable wall of the drum, obturator to close/open an exit evacuation and washing device. Spades are shifted on the height of the drum to scrape an upper and lower part of the drum. The first spade is placed vertically on the upper part of the drum. The drum is attached with a shaft (7) of engines at the hub level (8), which is placed on the lower part of the drum. The spades are arranged diametrically at the axis of rotation of the drum. The hub is an openwork that forms an exit evacuation of the products contained in the drum. An independent claim is included for a method to discharge the products from a drum.

IPC 8 full level
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CPC (source: EP)
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Cited by
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