

Title (en)

CONTINUOUSLY OPERATING CENTRIFUGE FOR MINGLING AND CENTRIFUGING MASSE CUITES

Publication

EP 0230205 B1 19891004 (DE)

Application

EP 86710003 A 19860118

Priority

EP 86710003 A 19860118

Abstract (en)

[origin: US4802925A] A continuously operating centrifugal for mashing and centrifuging of sugar massecuite is equipped with an upwardly, conically opening screen drum (2) which is rotating about a vertical axis (1). The screen drum is carried by a hub (5) reaching into the interior of the drum and supporting at its top a supply and distributing pot (6) for the massecuite and a precentrifuging bell (8) surrounding the distribution pot and reaching into a bottom zone of the screen drum. The precentrifuging bell also has a conical shape opening downwardly. A discharge rim (17) of the precentrifuging bell (8) is surrounded by a mashing ring (9) rotating along with the drum and bell. The mashing ring widens conically and downwardly. Stationary tubular members (14) are provided for supplying the mashing liquid onto the radially inwardly facing surface of the mashing ring (9). The tubular members (14) open toward the ring (9) above a zone on which the mass coming from the bell (8) impinges on the meshing ring for forming a lubricating film of mashing liquid on the surface of the mashing ring which substantially facilitates the mashing.

IPC 1-7

B04B 3/00; C13F 1/06

IPC 8 full level

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CPC (source: EP US)

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