

Title (en)

Method and device for scraping the crystals from a centrifuge drum

Title (de)

Verfahren und Vorrichtung zum Ausräumen des Kristallisats aus einer Zentrifugentrommel

Title (fr)

Procédé et dispositif pour racler les cristaux d'un tambour de centrifugation

Publication

EP 0953380 B1 20020821 (DE)

Application

EP 99102995 A 19990216

Priority

DE 19819065 A 19980429

Abstract (en)

[origin: DE19819065C1] In the removal of almost dry residues from an intermittently-operated, e.g. sugar beet fiber, centrifuge (1), a blade (7a) directed against the centrifuge direction of rotation (5) is lowered into the centrifuge chamber. The blade is advanced towards the rotating centrifuge inner face and extends almost over the full height (h) of the surface. The pneumatically-operated blade removes the (especially sugar beet fiber) residue (9), which is progressively peeled from the centrifuge wall. When the blade makes first contact with the centrifuge wall, it is withdrawn from contact. An Independent claim is given for the assembly used for implementation of the process.

IPC 1-7

B04B 11/08

IPC 8 full level

B04B 11/08 (2006.01)

CPC (source: EP US)

B04B 11/08 (2013.01 - EP US)

Cited by

DE102011119265B4; FR3011192A1; DE102011119265A1; WO2013076074A1; US9764337B2

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

DE 19819065 C1 19991014; DE 59902395 D1 20020926; EP 0953380 A2 19991103; EP 0953380 A3 20000607; EP 0953380 B1 20020821; US 6177021 B1 20010123

DOCDB simple family (application)

DE 19819065 A 19980429; DE 59902395 T 19990216; EP 99102995 A 19990216; US 30162499 A 19990429