Title (en)

PHASE-SEPARATION METHOD FOR A PRODUCT, USING A CENTRIFUGE

Title (de)

VERFAHREN ZUR PHASENTRENNUNG EINES PRODUKTES MIT EINER ZENTRIFUGE

Title (fr)

PROCÉDÉ DE SÉPARATION DES PHASES D'UN PRODUIT À L'AIDE D'UNE CENTRIFUGEUSE

Publication

EP 2627451 B1 20141210 (DE)

Application

EP 11767014 A 20111010

Priority

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• EP 2011067638 W 20111010

Abstract (en)

[origin: WO2012049118A1] A method for the continuous processing of a product, especially of a plant or animal oil or fat, by way of phase separation into at least two liquid phases, preferably while additionally clarifying solids, the processing of the product taking place in a centrifuge that is designed as a separator which has a rotatable drum (1) in which a disk stack (8) having risers (7) and a product feed (4) and at least two gripper elements (13, 16) for leading off a light and a heavy liquid phase (HP) from the drum and solid discharge openings (10) for leading off a solid phase (5) are provided such that during operation a separation zone between the light and the heavy liquid phase (HP, LP) is formed in the centrifuge, is characterized in that the lead-off radius for leading off the heavy liquid phase is adjusted when the viscosity of the heavy liquid phase changes beyond at least one threshold value.

IPC 8 full level

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CPC (source: EP US)

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