

Title (en)

A SEPARATING DISK AND A DISK PACKAGE FOR A CENTRIFUGE ROTOR

Title (de)

TRENNSCHEIBE UND SCHEIBENPAKET FÜR EINEN ZENTRIFUGENROTOR

Title (fr)

DISQUE DE SÉPARATION ET ENSEMBLE DISQUE POUR ROTOR DE CENTRIFUGEUSE

Publication

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Application

EP 09818063 A 20090930

Priority

- SE 2009051082 W 20090930
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Abstract (en)

[origin: WO2010039094A1] The invention refers to a separating disk and a disk package for a centrifuge rotor of a centrifugal separator for separation of components in a supplied medium. The separating disk (20) extends around an axis (x) of rotation and has a tapering shape along the axis (x) of rotation with an inner surface and an outer surface (21). The separating disk is manufactured of a material. The separating disk comprises a number of distance members (25) extending at a certain height away from at least one of the inner surface and the outer surface. The tapering shape of the separating disk has been provided through pressing of a blank of the material against a tool having a shape corresponding to the tapering shape of the pressed separating disk. The separating disk has a thickness which varies with the distance from the axis of rotation. The height of the distance members (25) varies with the distance from the axis (x) of rotation in such a way that this varying height compensates for the varying thickness.

IPC 8 full level

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CPC (source: EP SE)

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Citation (search report)

- [Y] US 1371259 A 19210315 - HOWARD NORRIS NELSON
- [Y] US 1006622 A 19111024 - BAILEY EDGERLY R [US]
- [Y] DE 363851 C 19221114 - UNION GES FUER METALL IND
- [Y] DE 664383 C 19380826 - MELOTTE ECREMEUSES
- See also references of WO 2010039094A1

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