

Title (en)

Device for treating a fibre suspension and disk segment for use in such a device

Title (de)

Vorrichtung zur Verarbeitung einer Faserstoffsuspension und Plattensegment zur Verwendung in einer solchen Vorrichtung

Title (fr)

Dispositif pour le traitement d'une suspension fibreuse et segment de disque pour l'usage dans un tel dispositif

Publication

EP 1749922 A1 20070207 (DE)

Application

EP 06013801 A 20060704

Priority

AT 13192005 A 20050804

Abstract (en)

The carrier plate or plate segments have circular-arc-shaped elevations (9) and recesses (10), where a part of the elevations is continuously arranged as a circular arc form. The cross sectional shape of the elevations and/or recesses is implemented in rectangular, triangle, trapezoid or round form. The height and/or depth of the elevations and/or recesses is radially increased from inner side to outer side. An independent claim is also included for a device comprising two circular plates.

IPC 8 full level

D21D 1/30 (2006.01); **B01F 27/93** (2022.01)

CPC (source: EP US)

D21D 1/306 (2013.01 - EP US)

Citation (applicant)

DE 1048769 B

Citation (search report)

- [X] DE 1048769 B
- [X] US 1795603 A 19310310 - HUSSEY ERWIN H
- [X] US 3411720 A 19681119 - JONES HOWARD W H, et al
- [A] DE 10105281 A1 20020808 - VOITH PAPER PATENT GMBH [DE]
- [A] EP 1147806 A1 20011024 - VOITH PAPER PATENT GMBH [DE]
- [A] CH 355770 A 19610731 - FORSCH INST PROFESSOR ING CHEM [CH]
- [A] DE 1561633 A1 19700409 - KAMYR AB

Cited by

ITVR20100165A1; DE102008007888A1; EP2562307A1; US8870109B2; WO2022058760A1; WO2009097963A3

Designated contracting state (EPC)

DE FI FR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1749922 A1 20070207; **EP 1749922 B1 20120613**; AT 502541 A1 20070415; AT 502541 B1 20080115; CA 2551772 A1 20070204; US 2007029424 A1 20070208

DOCDB simple family (application)

EP 06013801 A 20060704; AT 13192005 A 20050804; CA 2551772 A 20060710; US 49862806 A 20060803