

Title (en)

Pulper for disintegration and suspension of paper pulp

Title (de)

Stoffflöser zur Zerkleinerung und Suspendierung von Papierstoff

Title (fr)

Pulpeur pour la disintégration et pour mettre en suspension de matière première de papier

Publication

EP 1731663 A1 20061213 (DE)

Application

EP 06007357 A 20060407

Priority

DE 102005026108 A 20050607

Abstract (en)

A driven rotor located on a base (7) of a container (1), offsets the centerline (3) of a rotor from the centerline (4) of the container. The base of the container rises towards a side wall (5) of the container at a predetermined angle. An independent claim is included for process for pulverizing and suspending paper stock.

IPC 8 full level

D21B 1/34 (2006.01)

CPC (source: EP US)

D21B 1/345 (2013.01 - EP US)

Citation (applicant)

- DE 19601497 A 19960117
- DE 3638993 C2 19891026
- DE 3234702 C2 19891228
- DE 3429514 C2 19880728

Citation (search report)

- [XY] DE 844116 C 19520717 - LEJE & THURNE AB
- [XD] DE 19701129 A1 19970724 - VOITH SULZER STOFFAUFBEREITUNG [DE]
- [X] DE 3127114 A1 19820408 - VOITH GMBH J M [DE]
- [Y] EP 0414602 A2 19910227 - TAMPELLA OY AB [FI]
- [Y] EP 1283297 A1 20030212 - VOITH PAPER PATENT GMBH [DE]

Cited by

DE202008000684U1; US11174101B2; WO2009089878A1; EP3102508B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1731663 A1 20061213; EP 1731663 B1 20100303; AT E459748 T1 20100315; DE 102005026108 A1 20061214; DE 502006006305 D1 20100415; ES 2342308 T3 20100705; JP 2006342483 A 20061221; JP 4868508 B2 20120201; US 2006273208 A1 20061207; US 8028941 B2 20111004

DOCDB simple family (application)

EP 06007357 A 20060407; AT 06007357 T 20060407; DE 102005026108 A 20050607; DE 502006006305 T 20060407; ES 06007357 T 20060407; JP 2006158969 A 20060607; US 42219406 A 20060605