

Title (en)  
PULPER FOR PAPERMAKING PULP

Publication  
**EP 0343023 B1 19920617 (FR)**

Application  
**EP 89401001 A 19890412**

Priority  
FR 8805103 A 19880418

Abstract (en)  
[origin: EP0343023A1] Pulper for papermaking pulp, of the type comprising a cylindrical vessel open in its upper part and closed by a bottom fitted with a rotor supporting a vertical shaft extending along the central axis of revolution of the vessel inside the vessel, the side wall of the vessel comprising a device for forced recirculation of the pulp; the recirculating device (7) comprises at least one surface member (8,21) spreading out substantially circularly along the wall (9) of the pulper, extending from the wall towards the interior of the vessel (1) and towards the upper opening (20) of the pulper, over a uniform distance (12,22) so as to form a strip of uniform width, one of the faces (24) of the member being pointed towards the bottom of the vessel, so that the pulp (6) encountering this face (24) is diverted in a single direction within the vessel. <IMAGE>

IPC 1-7  
**D21B 1/34**

IPC 8 full level  
**D21B 1/32** (2006.01); **D21B 1/34** (2006.01)

CPC (source: EP US)  
**D21B 1/345** (2013.01 - EP US)

Cited by  
CN106400563A; WO2006122538A3

Designated contracting state (EPC)  
DE ES FR GB IT SE

DOCDB simple family (publication)  
**EP 0343023 A1 19891123; EP 0343023 B1 19920617**; DE 68901813 D1 19920723; DE 68901813 T2 19930204; ES 2032122 T3 19930101; FI 87808 B 19921113; FI 87808 C 19930225; FI 891821 A0 19890417; FI 891821 A 19891019; FR 2630139 A1 19891020; JP H0247380 A 19900216; US 4938423 A 19900703

DOCDB simple family (application)  
**EP 89401001 A 19890412**; DE 68901813 T 19890412; ES 89401001 T 19890412; FI 891821 A 19890417; FR 8805103 A 19880418; JP 9655689 A 19890418; US 33973489 A 19890418