

Title (en)

Refiner for the refining of paper pulps and the like.

Title (de)

Raffineur zum Raffinieren von Faserbrei oder dergleichen.

Title (fr)

Raffineur pour le raffinage d'une pâte ou similaire.

Publication

EP 0423091 B1 19941130 (EN)

Application

EP 90850321 A 19901001

Priority

FI 894729 A 19891005

Abstract (en)

[origin: EP0423091A2] A refiner for the refining of paper pulps or the like, comprising oppositely placed refiner blades (2, 3), at least one of which rotates, an intake (11) for the pulp to be refined and an outlet (12) for the refined pulp. A drawback with conventional refiners is that the pulp fed into the refiner is not refined uniformly because there is no provision for selecting the pulp fractions to be refined. The invention solves this problem in that one or more of the refiner blades (2, 3) are provided with one or more top separators (6) which are at least partially conical and fixedly connected to the blades.

IPC 1-7

D21D 1/22; **D21D 1/30**

IPC 8 full level

D21D 1/22 (2006.01); **D21D 1/30** (2006.01)

CPC (source: EP)

D21D 1/22 (2013.01); **D21D 1/30** (2013.01)

Designated contracting state (EPC)

AT DE FR GB IT SE

DOCDB simple family (publication)

EP 0423091 A2 19910417; **EP 0423091 A3 19920325**; **EP 0423091 B1 19941130**; AT E114749 T1 19941215; DE 69014547 D1 19950112; DE 69014547 T2 19950413; FI 85882 B 19920228; FI 85882 C 19920610; FI 894729 A0 19891005; FI 894729 A 19910406

DOCDB simple family (application)

EP 90850321 A 19901001; AT 90850321 T 19901001; DE 69014547 T 19901001; FI 894729 A 19891005