

Title (en)

METHOD FOR DEHYDRATING SOLID-BASED LIQUID SUSPENSIONS, SPECIALLY FIBER-BASED SUSPENSIONS

Title (de)

VORRICHTUNG ZUR ENTWÄSSERUNG VON FESTSTOFF-FLÜSSIGKEITSSUSPENSIONEN, INSBESONDERE FASERSTOFFSUSPENSIONEN

Title (fr)

DISPOSITIF POUR DESHYDRATER DES SUSPENSIONS A BASE DE SOLIDES ET DE LIQUIDES, NOTAMMENT DES SUSPENSIONS A BASE DE FIBRES

Publication

EP 0993521 A1 20000419 (DE)

Application

EP 98939588 A 19980701

Priority

- AT 112097 A 19970701
- EP 9804046 W 19980701

Abstract (en)

[origin: WO9901610A1] The invention relates to a device for dehydrating solid-based liquid suspensions, specially fiber-based suspensions. The suspension is dehydrated between two bands (4, 5). A dehydration zone is configured as a wedge-shaped area. The invention is chiefly characterized in that the upper and/or lower deflection roller (21, 22) is designed as a tightening roller at the beginning of the wedge.

IPC 1-7

D21F 1/80; **D21F 3/04**

IPC 8 full level

D21F 9/02 (2006.01); **D21F 1/80** (2006.01); **D21F 3/04** (2006.01)

CPC (source: EP)

D21F 1/80 (2013.01); **D21F 3/04** (2013.01)

Citation (search report)

See references of WO 9901610A1

Designated contracting state (EPC)

DE FI SE

DOCDB simple family (publication)

WO 9901610 A1 19990114; AT 405656 B 19991025; AT A112097 A 19990215; AU 8804898 A 19990125; BR 9810512 A 20000905; CA 2294389 A1 19990114; CA 2294389 C 20071030; CN 1105804 C 20030416; CN 1261936 A 20000802; DE 59803866 D1 20020523; EP 0993521 A1 20000419; EP 0993521 B1 20020417; JP 2002508814 A 20020319; JP 4339412 B2 20091007

DOCDB simple family (application)

EP 9804046 W 19980701; AT 112097 A 19970701; AU 8804898 A 19980701; BR 9810512 A 19980701; CA 2294389 A 19980701; CN 98806820 A 19980701; DE 59803866 T 19980701; EP 98939588 A 19980701; JP 50632999 A 19980701