

Title (en)

Recovery process in a pulp mill

Title (de)

Rückgewinnungsverfahren in einer Zellstoffabrik

Title (fr)

Procédé de récupération dans une usine à papier

Publication

**EP 0852272 B1 20020327 (EN)**

Application

**EP 97203861 A 19971210**

Priority

SE 9700012 A 19970103

Abstract (en)

[origin: EP0852272A1] A substantial and increasing problem with the pulping chemical recovery system, is the presence of chloride and potassium in the spent liquor entering the recovery boiler. Chloride and potassium increase the stickiness of carryover deposits and dust particles to the recovery boiler tubes, which accelerate fouling and plugging in the upper part of the recovery boiler. The present invention relates to a process by which the content of potassium ions in a recovery system for pulping chemicals can be reduced. The process comprises bringing spent liquor to a recovery boiler, burning said spent liquor, collecting precipitator dust formed, forming a solution by dissolving the precipitator dust (9) in a liquid (2,31,71), where the solution of precipitator dust is subjected to a treatment with an inorganic ion exchange material (8) in order to remove at least a part of the potassium therein. <IMAGE>

IPC 1-7

**D21C 11/04**; **D21C 11/06**; **D21C 11/02**

IPC 8 full level

**D21C 11/00** (2006.01); **D21C 11/06** (2006.01)

CPC (source: EP)

**D21C 11/005** (2013.01); **D21C 11/066** (2013.01)

Cited by

WO2016099392A1; US11725341B2

Designated contracting state (EPC)

AT DE ES FI FR PT SE

DOCDB simple family (publication)

**EP 0852272 A1 19980708**; **EP 0852272 B1 20020327**; AT E215143 T1 20020415; CA 2225927 A1 19980703; CA 2225927 C 20020409; DE 69711355 D1 20020502; DE 69711355 T2 20021031; ES 2171832 T3 20020916; PT 852272 E 20020830; SE 9700012 D0 19970103

DOCDB simple family (application)

**EP 97203861 A 19971210**; AT 97203861 T 19971210; CA 2225927 A 19971229; DE 69711355 T 19971210; ES 97203861 T 19971210; PT 97203861 T 19971210; SE 9700012 A 19970103