

Title (en)

METHOD AND APPARATUS FOR SEPARATING KNOTS

Publication

EP 0275967 B1 19911113 (EN)

Application

EP 88100678 A 19880119

Priority

FI 870190 A 19870119

Abstract (en)

[origin: EP0275967A2] The invention relates to a method and apparatus for separating knots. In particular the method and the apparatus are meant to be used in separating knots from fibre suspensions of the wood processing industry. The knotter according to the invention uses a profiled screen cylinder (5) with which it has been found from performed tests to be most preferable to feed the pulp from the connections (2) in the direction of rotation of the screen cylinder and also to discharge the reject from the connections (4) and the accept from the connections (3) of the cylinder (5) in the direction of rotation. As a result, there is not only less wear of the screen surface, but also a significantly smaller consumption of power per pulp ton than in the apparatuses in accordance with the prior art.

IPC 1-7

D21D 5/06

IPC 8 full level

B01D 29/17 (2006.01); **B01D 29/25** (2006.01); **B01D 29/37** (2006.01); **B03B 5/00** (2006.01); **D21D 5/02** (2006.01); **D21D 5/06** (2006.01)

CPC (source: EP)

D21D 5/06 (2013.01)

Cited by

DE4308225C1; CN102472008A; WO0053845A1; WO2011004060A1; US6623572B2; US6254729B1

Designated contracting state (EPC)

AT DE FR GB IT SE

DOCDB simple family (publication)

EP 0275967 A2 19880727; **EP 0275967 A3 19890208**; **EP 0275967 B1 19911113**; AT E69472 T1 19911115; CA 1329333 C 19940510; DE 275967 T1 19890601; DE 3866116 D1 19911219; FI 76139 B 19880531; FI 76139 C 19880909; FI 870190 A0 19870119; JP H0533280 A 19930209; JP H0696834 B2 19941130; JP S63249792 A 19881017

DOCDB simple family (application)

EP 88100678 A 19880119; AT 88100678 T 19880119; CA 556763 A 19880118; DE 3866116 T 19880119; DE 88100678 T 19880119; FI 870190 A 19870119; JP 19158891 A 19910731; JP 764888 A 19880119