

Title (en)

Apparatus and process for cleaning a web of material

Title (de)

Vorrichtung und Verfahren zum Reinigen einer Materialbahn

Title (fr)

Appareil et procédé pour nettoyer un matériau en bande

Publication

EP 1422338 A3 20040721 (DE)

Application

EP 03026378 A 20031118

Priority

DE 10254059 A 20021119

Abstract (en)

[origin: EP1422338A2] A papermaking assembly has a dewatering belt which passes through a cleaning station with an array of water jets. The jets are held together in a group which moves back and forth along a guide. Two or more of the jets describe an angle alpha with respect to each other. The jets impinge on the web surface at different angles of presentation. Water is pre-heated before delivery to the jets. The cleaning station is located within a spray booth or cabin with a supply of compressed air. The regular array of jets are arranged in lines which are transposed with respect to each other. One or more of the jets is a rotating unit. The array of jets is free to move over a width which is greater than that of the web. The jets are located within a compartment with a non-contact or low-contact seal.

IPC 1-7

D21F 1/32

IPC 8 full level

D21F 1/32 (2006.01)

CPC (source: EP)

D21F 1/325 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 20318294 U1 20040311; DE 10254059 A1 20040603; EP 1422338 A2 20040526; EP 1422338 A3 20040721

DOCDB simple family (application)

DE 20318294 U 20031118; DE 10254059 A 20021119; EP 03026378 A 20031118