

Title (en)

Process for removing tensides during the manufacture of paper in a papermaking machine and papermaking machine for carrying out the process

Title (de)

Verfahren zur Entfernung von Tensiden während der Herstellung von Papier in einer Papiermaschine und Papiermaschine zur Durchführung des Verfahrens

Title (fr)

Procédé d'élimination des tensioactifs au cours de la fabrication du papier sur machine et machine à papier mettant en oeuvre ce procédé

Publication

EP 1887130 B1 20090304 (FR)

Application

EP 07301077 A 20070531

Priority

FR 0653059 A 20060721

Abstract (en)

[origin: EP1887130A1] The process for fabricating a paper (2) on a machine, comprises separating surface-active agents through dispersed air (9) flotation in a wet part, and eliminating flotation foam containing the surface-active agents. The separation of the agents is carried out on all or part of filtration water from the paper formation and on all or part of clear water from a fiber recuperator. Recycled or mechanical slurry is used in the process. The flotation foam is treated with ozone and then evacuated in a purification station and a drainage table. An independent claim is included for a machine with paper.

IPC 8 full level

D21F 1/70 (2006.01)

CPC (source: EP)

D21F 1/70 (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1887130 A1 20080213; EP 1887130 B1 20090304; AT E424476 T1 20090315; DE 602007000630 D1 20090416; ES 2321990 T3 20090615; FR 2904012 A1 20080125; FR 2904012 B1 20080912

DOCDB simple family (application)

EP 07301077 A 20070531; AT 07301077 T 20070531; DE 602007000630 T 20070531; ES 07301077 T 20070531; FR 0653059 A 20060721