

Title (en)

Process for modifying a machine for producing and treating a web, preferably paper or board

Title (de)

Verfahren zum Umrüsten einer Maschine zur Herstellung und Behandlung einer Materialbahn, vorzugsweise aus Papier oder Karton

Title (fr)

Procédé de modification d'une machine de fabrication et de traitement d'une bande, de préférence de papier ou de carton

Publication

EP 1378603 A3 20070404 (DE)

Application

EP 03101584 A 20030602

Priority

DE 10228113 A 20020624

Abstract (en)

[origin: EP1378603A2] In a process to convert a paper-making machine (10a), a prior-art glue-press station (17a) is replaced by non-contact application station for liquid or paste agent. The conversion is made to the adhesive discharge station processing one or both sides of the web (M). Also claimed is a commensurate converted paper-making machine and a process to operate the same. The liquid or paste are applied as a jet or as a curtain.

IPC 8 full level

D21H 23/46 (2006.01); **D21F 9/00** (2006.01)

CPC (source: EP)

D21H 23/46 (2013.01)

Citation (search report)

- [A] WO 0070144 A1 20001123 - VALMET CORP [FI], et al
- [A] WO 9964671 A1 19991216 - VALMET CORP [FI], et al
- [A] WO 9964672 A1 19991216 - VALMET CORP [FI], et al
- [DA] DE 10012256 A1 20010920 - VOITH PAPER PATENT GMBH [DE]
- [DA] DE 19735588 A1 19990218 - JAGENBERG PAPIERTECH GMBH [DE]
- [DA] DE 19513531 A1 19961017 - DU PONT DEUTSCHLAND [DE]
- [A] WO 0238858 A2 20020516 - METSO PAPER INC [FI], et al

Cited by

CN111566284A; US11293143B2; US11680371B2; WO2019076702A1; WO2019076703A1

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

Designated extension state (EPC)

AL LT LV MK

DOCDB simple family (publication)

EP 1378603 A2 20040107; EP 1378603 A3 20070404; DE 10228113 A1 20040115

DOCDB simple family (application)

EP 03101584 A 20030602; DE 10228113 A 20020624