

Title (en)

Method for manufacture of fibrous cellulosic products, in particular handkerchiefs or towels

Title (de)

Verfahren zur Herstellung von Zellulosefaserprodukten, insbesondere Taschentüchern oder Handtüchern

Title (fr)

Procédé de fabrication de produits cellulosiques fibreux, tels que notamment des mouchoirs ou des serviettes

Publication

EP 0893242 B1 20020206 (FR)

Application

EP 98401813 A 19980717

Priority

FR 9709171 A 19970718

Abstract (en)

[origin: EP0893242A1] The procedure is for manufacturing cellulose fibre products such as paper handkerchiefs or serviettes, which may be rectangular or square in shape. Continuous strips (B1,B2) of paper are printed with two different and alternating designs (M1,M2). They are then cut into individual handkerchiefs or serviettes and are stacked prior to packing so that each stack contains articles with alternate designs. The paper used for the procedure is taken from a roll (10) and two rows of alternating designs are printed on it before the strip is divided lengthwise. Each section then passes through a folder (30) to fold the articles lengthwise, then a cutter (32) and finally another folded (34) to fold them transversely before stacking.

IPC 1-7

B31D 1/04; B65H 35/00; B65H 39/00

IPC 8 full level

B31D 1/04 (2006.01); **B65H 35/00** (2006.01); **B65H 39/00** (2006.01)

CPC (source: EP)

B31D 1/04 (2013.01); **B65H 35/00** (2013.01); **B65H 39/16** (2013.01); **B65H 45/08** (2013.01); **B65H 45/28** (2013.01); **B65H 2701/1924** (2013.01)

Cited by

CN103979347A; WO2007072030A3; WO9947752A1; WO2015000349A1; EP1855876B2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

EP 0893242 A1 19990127; EP 0893242 B1 20020206; EP 0893242 B2 20071226; AT E212905 T1 20020215; DE 69803725 D1 20020321; DE 69803725 T2 20020829; DE 69803725 T3 20080710; DK 0893242 T3 20020402; DK 0893242 T4 20080428; ES 2172866 T3 20021001; ES 2172866 T5 20080516; FR 2766125 A1 19990122; FR 2766125 B1 19990924; PT 893242 E 20020731

DOCDB simple family (application)

EP 98401813 A 19980717; AT 98401813 T 19980717; DE 69803725 T 19980717; DK 98401813 T 19980717; ES 98401813 T 19980717; FR 9709171 A 19970718; PT 98401813 T 19980717