

Title (en)
ABSORBENT PAPER PRODUCT COMPRISING TWO OR THREE PLIES

Title (de)
ZWEI- ODER DREILAGIGES SAUGFÄHIGES PAPIERPRODUKT

Title (fr)
PRODUIT EN PAPIER ABSORBANT COMPRENANT DEUX OU TROIS PLIS

Publication
EP 1159487 B1 20021211 (FR)

Application
EP 00900524 A 20000105

Priority
• FR 0000007 W 20000105
• FR 9900033 A 19990105

Abstract (en)
[origin: US6656569B1] The invention concerns an absorbent paper product with a basic weight ranging from about 20 to 80 g/m² >comprising an embossed ply including raised designs consisting at least partly of discrete protuberances oriented inwards of the structure and a non-embossed ply. The invention is characterised in that the embossed ply has at least over part of its surface at least 30 protuberances per cm² >whereof the top surface area is less than 1 mm² >preferably less than 0.7 mm².

IPC 1-7
D21H 27/40

IPC 8 full level
D21H 27/40 (2006.01)

CPC (source: EP US)
D21H 27/40 (2013.01 - EP US); **Y10T 156/1023** (2015.01 - EP US); **Y10T 428/24463** (2015.01 - EP US); **Y10T 428/24562** (2015.01 - EP US); **Y10T 428/24612** (2015.01 - EP US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 6656569 B1 20031202; AT E229594 T1 20021215; CA 2357832 A1 20000713; CA 2357832 C 20080916; DE 60000977 D1 20030123; DE 60000977 T2 20030724; DE 60000977 T3 20180719; DK 1159487 T3 20030414; DK 1159487 T5 20101011; EP 1159487 A1 20011205; EP 1159487 B1 20021211; EP 1159487 B3 20100616; ES 2187436 T3 20030616; ES 2187436 T7 20110801; ES 2187436 T8 20110922; FR 2788066 A1 20000707; FR 2788066 B1 20010216; PT 1159487 E 20030430; TR 200101919 T2 20020321; WO 0040800 A1 20000713

DOCDB simple family (application)
US 86979301 A 20010705; AT 00900524 T 20000105; CA 2357832 A 20000105; DE 60000977 T 20000105; DK 00900524 T 20000105; EP 00900524 A 20000105; ES 00900524 T 20000105; FR 0000007 W 20000105; FR 9900033 A 19990105; PT 00900524 T 20000105; TR 200101919 T 20000105