Title (en)
KRAFT PAPER AND METHOD FOR MAKING THE SAME

Title (de)
KRAFTPAPIER UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
PAPIER KRAFT ET SON PROCEDE DE FABRICATION

Publication
EP 1012377 B1 20020619 (EN)

Application
EP 98934054 A 19980707

Priority
• SE 9801340 W 19980707
• SE 9702656 A 19970709

Abstract (en)
[origin: WO9902772A1] A method for making kraft paper, wherein a sulphate pulp is subjected to HC refining only or to HC refining in combination with LC beating, the LC beating, if applicable, being carried out at a relatively low energy supply, and wherein a strengthening agent, especially a charged polymer, is subsequently added to the stock, preferably at two separate points in the process, in a total amount of at least 8 kg per tonne of paper. Kraft paper with a tensile energy absorption index of 2.5-3.5 J/g at a porosity (Gurley) of less than 10 seconds. A valve sack made of one or more layers of said kraft paper.

IPC 1-7
D21D 1/20; D21H 27/10; D21H 21/18

IPC 8 full level
D21F 11/00 (2006.01); **D21F 11/02** (2006.01); **D21D 1/20** (2006.01); **D21H 11/04** (2006.01); **D21H 17/28** (2006.01); **D21H 27/10** (2006.01); B65D 65/38 (2006.01); D21H 21/18 (2006.01); D21H 27/02 (2006.01)

CPC (source: EP)
D21D 1/20 (2013.01); **D21F 11/006** (2013.01); **D21H 11/04** (2013.01); D21H 17/28 (2013.01); D21H 21/18 (2013.01); D21H 27/02 (2013.01); D21H 27/10 (2013.01)

Cited by
EP3786079B1

Designated contracting state (EPC)
AT DE ES FI FR GB IT PT SE

DOCDB simple family (publication)
WO 9902772 A1 19990121; AT E219536 T1 20020715; AU 8365898 A 19990208; BG 104046 A 20000731; BG 63849 B1 20030331; BR 9810569 A 20000919; BR 9810569 B1 20081118; CA 2295075 A1 19990121; CZ 297129 B6 20060913; CZ 476399 A3 20000816; DE 1012377 T1 20001102; DE 69806168 D1 20020725; DE 69806168 T2 20021128; EE 04531 B1 20050815; EE 200000009 A 20000815; EP 1012377 A1 20000628; EP 1012377 B1 20020619; ES 2147169 T1 20000901; ES 2147169 T3 20021116; HU 222668 B1 20030929; HU P0003123 A2 20010228; HU P0003123 A3 20011228; PL 187952 B1 20041130; PL 337972 A1 20000911; PT 1012377 E 20021031; RU 2208079 C2 20030710; SE 510506 C2 19990531; SE 9702656 D0 19970709; SE 9702656 L 19990110; ZA 986082 B 19990126

DOCDB simple family (application)
SE 9801340 W 19980707; AT 98934054 T 19980707; AU 8365898 A 19980707; BG 10404699 A 19991223; BR 9810569 A 19980707; CA 2295075 A 19980707; CZ 476399 A 19980707; DE 69806168 T 19980707; DE 98934054 T 19980707; EE P200000009 A 19980707; EP 98934054 A 19980707; ES 98934054 T 19980707; HU P0003123 A 19980707; PL 33797298 A 19980707; PT 98934054 T 19980707; RU 2000102887 A 19980707; SE 9702656 A 19970709; ZA 986082 A 19980709