

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