

Title (en)
METHOD FOR MAKING TISSUE PAPER

Title (de)
VERFAHREN ZUR HERSTELLUNG VON TISSUEPAPIER

Title (fr)
PROCEDE DE FABRICATION DE PAPIER TISSU

Publication
EP 1294982 B1 20071003 (EN)

Application
EP 01946608 A 20010621

Priority

- US 0119807 W 20010621
- US 60771100 A 20000630
- US 60771200 A 20000630

Abstract (en)
[origin: WO0202869A3] A tissue sheet is made using a modified wet pressing machine in a modified wet pressing process employing an integrally sealed air press. After initial formation and conventional vacuum dewatering, the wet web is conformed to the surface contour of a relatively coarse fabric to give the web a textured surface. By creating a pressure differential across the web of at least 30 inches of mercury and an air stream through the web of at least 500 SCFM/in<2>, the air press noncompressively dewateres the wet web to a consistency of about 30 to about 40 percent prior to a heated drying cylinder. The web is dried to substantially preserve its three-dimensional, throughdried-like texture. The process provides a web having an exceptionally high degree of bulk and absorbency not expected in wet-pressed products.

IPC 8 full level
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CPC (source: EP KR)
D21F 1/48 (2013.01 - EP); **D21F 1/52** (2013.01 - EP); **D21F 11/14** (2013.01 - EP KR); **D21F 11/145** (2013.01 - EP)

Cited by
US6953065B2; US7048012B2; WO2010091765A1; DE102009021264A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 0202869 A2 20020110; WO 0202869 A3 20020516; AT E374862 T1 20071015; AU 2001268634 B2 20050428; AU 6863401 A 20020114; BR 0112114 A 20030930; BR 0112114 B1 20130402; CA 2415937 A1 20020110; CA 2415937 C 20090519; CN 1440480 A 20030903; CO 5650179 A2 20060630; DE 60130761 D1 20071115; DE 60130761 T2 20080717; EP 1294982 A2 20030326; EP 1294982 B1 20071003; KR 100822568 B1 20080416; KR 20030034111 A 20030501; MX PA02012362 A 20050419

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