

Title (en)
PRODUCTION OF PAPER THAT IS HIGHLY STRETCHABLE IN THE CROSS DIRECTION

Title (de)
HERSTELLUNG VON STARK IN QUERRICHTUNG DEHNBAREM PAPIER

Title (fr)
PRODUCTION DE PAPIER HAUTEMENT ÉTIRABLE DANS LA DIRECTION TRANSVERSALE

Publication
EP 3607142 B1 20231004 (EN)

Application
EP 18717000 A 20180405

Priority
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• EP 2018058713 W 20180405

Abstract (en)
[origin: EP3385444A1] There is provided a method of producing a paper having a grammage according to ISO 536 of 50-250 g/m², a Gurley value according to ISO 5636-5 of above 15 s and a stretchability according to ISO 1924-3 in the cross direction of at least 8 %, said method comprising the steps of: a) providing a pulp, preferably sulphate pulp; b) subjecting the pulp to refining; c) diluting the pulp from step b) and discharging the diluted pulp at a discharge rate to a forming wire to form a paper web, wherein the speed of the forming wire is at least 7 m/min higher or at least 7 m/min lower than the discharge rate; d) pressing the paper web from step c); e) drying the paper web from step d), which drying comprises a step of compacting the paper web in a Clupak unit.

IPC 8 full level
D21H 25/00 (2006.01); **D21F 5/00** (2006.01); **D21H 11/04** (2006.01); **D21H 27/00** (2006.01); **D21H 27/10** (2006.01)

CPC (source: EP US)
D21C 9/007 (2013.01 - EP); **D21D 1/20** (2013.01 - EP US); **D21F 5/028** (2013.01 - US); **D21F 9/02** (2013.01 - US); **D21F 11/00** (2013.01 - EP); **D21H 11/04** (2013.01 - EP US); **D21H 25/005** (2013.01 - EP); **D21H 27/00** (2013.01 - EP); **D21H 27/10** (2013.01 - EP)

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