

Title (en)

Method and device for manufacturing a tissue web

Title (de)

Verfahren und Vorrichtung zur Herstellung einer Tissuebahn

Title (fr)

Procédé et dispositif pour la production d'une bande de papier tissu

Publication

**EP 1770210 A1 20070404 (DE)**

Application

**EP 06114195 A 20060519**

Priority

DE 102005046907 A 20050930

Abstract (en)

Apparatus for producing a web of fibrous material comprises a press zone (26) through which the web (22) is passed between a permeable structured belt (18) and a permeable unstructured support belt (28), a drying cylinder (42) with a press nip (44) through which the web is passed together with the structured belt, and a calender (64) through which the web is passed after leaving the drying cylinder. Independent claims are also included for: (1) producing a tissue paper web by pressing the web between a permeable structured belt and a permeable unstructured support belt, drying the web on a heated surface and calendering the web; (2) hygiene paper, e.g. toilet paper, cosmetic tissue paper or paper handkerchief paper, produced as above.

IPC 8 full level

**D21F 11/14** (2006.01); **D21G 1/00** (2006.01)

CPC (source: EP US)

**D21F 11/14** (2013.01 - EP US); **D21F 11/145** (2013.01 - EP US); **D21G 1/00** (2013.01 - EP US)

Citation (applicant)

- US 2005167066 A1 20050804 - HERMAN JEFFREY [US], et al
- US 2006167066 A1 20060727 - COHEN FREDERICK [US], et al
- US 4300981 A 19811117 - CARSTENS JERRY E

Citation (search report)

- [Y] US 2005167066 A1 20050804 - HERMAN JEFFREY [US], et al
- [Y] US 4300981 A 19811117 - CARSTENS JERRY E
- [A] US 5779860 A 19980714 - HOLLENBERG DAVID HENRY [US], et al
- [A] US 2002060036 A1 20020523 - LINDEN ANDERS TOMMY [SE]

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US2015129146A1; US9404224B2; US9611591B2; US9915032B2; US9957667B2; US9988766B2; US10704203B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 06114195 A 20060519**; AT 06114195 T 20060519; DE 102005046907 A 20050930; US 52723606 A 20060926