

Title (en)

Creped absorbent paper sheet, creping cylinder and process for making such a sheet

Title (de)

Gekreppte, saugfähige Papierbahn, Kreppwalze, und Verfahren zur Herstellung solcher Papierbahn

Title (fr)

Feuille de papier absorbant crêpé, cylindre pour le gaufrage et procédé de fabrication d'une telle feuille

Publication

**EP 1209289 B1 20150909 (FR)**

Application

**EP 00403285 A 20001124**

Priority

EP 00403285 A 20001124

Abstract (en)

[origin: EP1209289A1] The crepe paper sheet (10) consists of at least one layer of crepe cellulose wadding with a weight of between 12 and 30 g/sq m and a corrugated design with at least one series of micro-protuberances (16) projecting from one side of the layer and having a density of over 20 micro-protuberances per sq cm. The micro-protuberances are made by a spiked roller; they have polyhedral bases and flattened tips (30) with rounded edges. The bases of the micro-protuberances can be in the form of rectangular bases of pyramids with sides angled at 35 - 45 degrees. Each micro-protuberance has an overall height of 0.05 - 0.5 mm and they are set in a density of 30 - 80 per sq cm. The sheet also has macro-protuberances with tips joined to an adjacent layer.

IPC 8 full level

**D21H 27/02** (2006.01); **B31F 1/07** (2006.01); **D21H 27/40** (2006.01)

CPC (source: EP US)

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Cited by

WO2008125149A1; AU2005333449B2; EP1873295A3; AU2007351022B2; KR20160072180A; EP3057787A4; US8920905B2; US7871692B2; WO2006136186A1; WO2007107167A1; US8119223B2; US10006172B2; US10253459B2; US10669674B2

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DOCDB simple family (application)

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