

Title (en)

Method and apparatus for producing webs perforated in a through manner and resulting product

Title (de)

Verfahren und Vorrichtung zur Herstellung von durchgehend perforierten Bahnen sowie das resultierende Produkt

Title (fr)

Méthode et appareil pour la perforation de produits en bande bien que le produit résultant

Publication

**EP 2353809 A1 20110810 (EN)**

Application

**EP 10425025 A 20100205**

Priority

EP 10425025 A 20100205

Abstract (en)

A method for producing webs perforated in a through manner, which comprises the passage of a web (13) between two counter-rotating rollers (11, 12) pressing against each other, of which a first roller (11) presents on its surface protuberances (14), which create the perforation, and a second roller (12) presents a contrast surface for said protuberances (14). The contrast surface of the second roller (12) presents contact areas (15A) for the protuberances (14) which are separated from each other by depressions (16), in which the material of the web expands.

IPC 8 full level

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CPC (source: EP)

**B26F 1/10** (2013.01); **B26F 1/24** (2013.01); **B26D 2007/0093** (2013.01); **B26F 1/26** (2013.01)

Citation (applicant)

- US 3408776 A 19681105 - FRANK KALWAITES
- EP 0598970 A1 19940601 - PANTEX SRL [IT]

Citation (search report)

[AD] EP 0598970 A1 19940601 - PANTEX SRL [IT]

Cited by

WO2015155714A1; ITFI20130254A1; US11186062B2; US11166854B2; US10406775B2; WO2015059633A1

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