

Title (en)

Fibrous web containing a part of a security film, and process for making the same

Title (de)

Sicherheitsfilmstück enthaltende Faserbahn, und Verfahren zu ihrer Herstellung

Title (fr)

Feuille de matière fibreuse comportant un segment de film de sécurité et procédé de fabrication

Publication

EP 1602782 B1 20130717 (FR)

Application

EP 05291031 A 20050513

Priority

FR 0405989 A 20040603

Abstract (en)

[origin: EP1602782A2] The sheet of fibrous material (1), e.g. paper made from cellulose fibres, containing a plastic film strip (2), has the strip made with perforations of different dimensions that give it a homogeneous porosity. The perforations are filled with the fibres, are between 100 and 1000 mcm in size and 200 to 2000 mcm apart, and can be made in a recognisable pattern, e.g. forming the letters BdF (Banque de France). The plastic strip is metallised over part of its surface, with the perforations extending into the metallised portion, and it can also carry diffractive or holographic images or a chip.

IPC 8 full level

D21H 21/42 (2006.01); **G07D 7/20** (2006.01)

CPC (source: EP US)

B42D 15/0093 (2013.01 - US); **B42D 25/328** (2014.10 - US); **B42D 25/346** (2014.10 - EP US); **B42D 25/355** (2014.10 - EP US); **D21H 21/42** (2013.01 - EP); **B42D 2033/22** (2022.01 - EP)

Cited by

EP2165849A1; US2018290478A1; FR2898365A1; EP1997643A3; FR2915210A1; EP1985753A1; GB2433469A; GB2433469B; DE102011004935A1; CN103429437A; WO2012117053A1; US8746744B2; WO2010032208A1; EP2119571A1; WO2007104855A3; WO2013143006A1; WO2007071939A3; WO2014086294A1

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