Title (en)
    Paper sheet with small cushions

Title (de)
    Papierbahn mit kleinen Kissen

Title (fr)
    Feuille de papier avec coussinets

Publication
    EP 1239079 B1 20070613 (FR)

Application
    EP 01400629 A 20010309

Priority
    EP 01400629 A 20010309

Abstract (en)
    [origin: EP1239079A1] The paper consists of at least two layers of crepe cellulose wadding weighing 10 - 40 g/sq m, the upper layer being between
    0.6 and 2 per cent longer than the lower one and embossed to form protuberances (12) in rows (14) that are joined to the lower layer to make
    cushions (16) of 1 - 20 sq cm in area. The cushions have a length to width ratio of preferably 1 - 1.5 : 1, and the protuberances are truncated conical
    in shape with bases of 1 - 1.5 mm diameter and preferably not more than 1.5 mm apart. The two-layer paper is made from two separate rolls of
    paper, with the upper layer taken round an embossing roller and past an adhesive application roller before the two layers are joined together and
    made into rolls of smaller diameter.

IPC 8 full level
    D21H 27/40 (2006.01); **B31F 1/07** (2006.01)

CPC (source: EP US)
    B31F 1/07 (2013.01 - EP US); **D21H 27/40** (2013.01 - EP US); B31F 2201/0733 (2013.01 - EP US); B31F 2201/0738 (2013.01 - EP US);
    B31F 2201/0756 (2013.01 - EP US); B31F 2201/0761 (2013.01 - EP US); B31F 2201/0784 (2013.01 - EP US);
    B31F 2201/0787 (2013.01 - EP US); B31F 2201/0789 (2013.01 - EP US); Y10T 428/24463 (2015.01 - EP US); Y10T 428/24612 (2015.01 - EP US)

Cited by
    EP1520930A1; FR2860527A1; WO2009107026A3; WO2005033408A3; WO2023104741A1; DE212021000359U1; IT202200003380A1;
    EP1765137B1; WO2023280722A1; IT202100017675A1; WO2023001852A1; IT202100019499A1

Designated contracting state (EPC)
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    NO 20025389 D0 20021111; NO 20025389 L 20030109; NO 333379 B1 20130521; PT 1239079 E 20070914; RU 2295600 C2 20070320;
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