

Title (en)

FAN-FOLDED PAPER WEB STACK

Title (de)

ZICK-ZACK-GEFALTETER PAPIERBAHNSTAPEL

Title (fr)

BANDE PAPIER PLIÉE EN ACCORDÉON ET FORMANT UN EMPILEMENT

Publication

**EP 3215370 A1 20170913 (DE)**

Application

**EP 15790458 A 20151027**

Priority

- DE 102014016372 A 20141106
- EP 2015002132 W 20151027

Abstract (en)

[origin: WO2016070970A1] Disclosed is a fan-folded paper web stack, especially a recycled paper web stack, at least one fold (7) of which is designed with a succession of perforations and fold sections (11, 21, 31, 41, 51, 61, 71, 81), wherein fold sections (15a, 15, 25a, 35, 35a, 45, 45a, 55a, 55, 65a, 65, 75a, 75, 85a, 85) of the fold interconnect two folded web sheets that are folded on top of each other, the fold section and the perforation (13, 23, 33, 43, 53, 63, 73, 83) each having a maximum length (xi, yi) in the longitudinal direction (q) of the fold. According to the invention, at least one portion of a fold comprises a succession of at least five fold sections in alternation with at least five perforations, and a ratio of the sum of the lengths of the fold sections within said fold portion and a sum of the lengths of the same number of perforations within said fold portion is at least 0.8, preferably at least 1.

IPC 8 full level

**B42D 15/00** (2006.01); **B65H 45/20** (2006.01)

CPC (source: EP US)

**B42D 15/00** (2013.01 - EP US); **B65D 81/05** (2013.01 - US); **B65H 45/20** (2013.01 - EP US); **D21H 11/14** (2013.01 - EP US); **B65H 2701/11231** (2013.01 - EP); **B65H 2701/12112** (2013.01 - EP); **B65H 2701/1944** (2013.01 - EP); **Y10T 428/15** (2015.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2016070970 A1 20160512**; CA 2966948 A1 20160512; CA 2966948 C 20230926; DE 102014016372 A1 20160512; DE 202015010013 U1 20230320; EP 3215370 A1 20170913; EP 3215370 B1 20210818; EP 3925790 A1 20211222; ES 2897936 T3 20220303; PL 3215370 T3 20220117; US 10604323 B2 20200331; US 2017313491 A1 20171102

DOCDB simple family (application)

**EP 2015002132 W 20151027**; CA 2966948 A 20151027; DE 102014016372 A 20141106; DE 202015010013 U 20151027; EP 15790458 A 20151027; EP 21190892 A 20151027; ES 15790458 T 20151027; PL 15790458 T 20151027; US 201515524941 A 20151027