

Title (en)

FLAME-RESISTANT CLOSURE PIECE, AND FLAME-RESISTANT FINISH OR COATING

Title (de)

SCHWER ENTFLAMMBARES VERSCHLUSSTEIL SOWIE SCHWER ENTFLAMMBARE APPRETUR ODER BESCHICHTUNG

Title (fr)

ÉLÉMENT DE FERMETURE DIFFICILEMENT INFLAMMABLE ET APPRÊT OU REVÊTEMENT DIFFICILEMENT INFLAMMABLE

Publication

**EP 3086682 A1 20161102 (DE)**

Application

**EP 14818869 A 20141119**

Priority

- DE 102013022112 A 20131227
- EP 2014003085 W 20141119

Abstract (en)

[origin: WO2015096877A1] Disclosed is a flame-resistant closure piece that is adapted to a corresponding closure piece such that a detachable closure is formed. Said closure piece comprises a least one flat basic fabric (14) consisting of warp threads (10) and weft threads (12), and functional elements (18) that protrude on the front side of the basic fabric (14). The basic fabric (14) is provided with a flame-resistant finish. The disclosed flame-resistant closure piece is characterized in that the basic fabric (14) and the functional elements (18) are predominantly, preferably entirely, made of flame-resistant plastic materials.

IPC 8 full level

**A44B 18/00** (2006.01)

CPC (source: EP US)

**A44B 18/0019** (2013.01 - US); **A44B 18/008** (2013.01 - US); **A44B 18/0088** (2013.01 - US); **A44B 18/0092** (2013.01 - EP US); **C08K 3/016** (2018.01 - US); **C08K 5/0066** (2013.01 - US); **C09J 11/02** (2013.01 - US); **C09J 175/04** (2013.01 - US); **C09J 175/06** (2013.01 - US)

Citation (examination)

- WO 2010044412 A1 20100422 - KURASHIKI TEXTILE MFG CO LTD [JP], et al
- US 2004166282 A1 20040826 - KINGSFORD HOWARD A [US], et al
- EP 0823446 A2 19980211 - HUELS CHEMISCHE WERKE AG [DE]
- See also references of WO 2015096877A1

Designated contracting state (EPC)

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BA ME

DOCDB simple family (publication)

**WO 2015096877 A1 20150702**; CN 105848512 A 20160810; DE 102013022112 A1 20150702; EP 3086682 A1 20161102; JP 2017501811 A 20170119; JP 6594882 B2 20191023; US 2016309856 A1 20161027; US 2019254387 A1 20190822

DOCDB simple family (application)

**EP 2014003085 W 20141119**; CN 201480071152 A 20141119; DE 102013022112 A 20131227; EP 14818869 A 20141119; JP 2016542945 A 20141119; US 201415103889 A 20141119; US 201916402393 A 20190503