

Title (en)
Tamper-proof packaging bag

Title (de)
Verpackungsbeutel mit Originalitätssicherung

Title (fr)
Sachet d'emballage inviolable

Publication
EP 2420454 B1 20130710 (FR)

Application
EP 11176888 A 20110809

Priority
FR 1056629 A 20100817

Abstract (en)
[origin: EP2420454A1] The bag has a closing assembly with male/female type closing elements supported by support webs (112, 122) connected to one of main films (10, 20) e.g. mono/multi-layer and mono/multi material wall, at localized areas remote from the elements to authorize articulation of the webs on the film, where the elements are provided with male/female hooks (110a, 110b, 120a, 120b). The webs include local reinforcements (116, 126) in the areas, and are arranged such that free end of the webs is provided at distance from the films when the assembly is at rest, where the end is adjacent to the elements.

IPC 8 full level
B65D 33/25 (2006.01)

CPC (source: EP US)
B65D 33/2541 (2013.01 - EP US)

Cited by
EP3015395A1; FR2998277A1; US10450107B2; US10472131B2; WO2021187762A1; WO2016166032A1

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

DOCDB simple family (publication)
EP 2420454 A1 20120222; EP 2420454 B1 20130710; ES 2428349 T3 20131107; FR 2963927 A1 20120224; FR 2963927 B1 20120914; JP 2012041089 A 20120301; JP 5996172 B2 20160921; US 2012045151 A1 20120223

DOCDB simple family (application)
EP 11176888 A 20110809; ES 11176888 T 20110809; FR 1056629 A 20100817; JP 2011178199 A 20110817; US 201113206465 A 20110809