

Title (en)
PACKAGING UNIT

Title (de)
VERPACKUNGSEINHEIT

Title (fr)
UNITÉ D'EMBALLAGE

Publication
EP 3439983 B1 20210519 (DE)

Application
EP 17715074 A 20170328

Priority
• DE 102016205758 A 20160407
• EP 2017057260 W 20170328

Abstract (en)
[origin: WO2017174395A1] The invention relates to a packaging unit (1) for a plurality of individual products (20) combined into a group (2), comprising a plastic bag which accommodates the group (2) of individual products (20) and at least one stiffening element (3, 4, 5) arranged in the plastic bag or around the plastic bag, wherein the at least one stiffening element (3, 4, 5) covers and/or accommodates at least one of the plurality of individual products at least in some sections and wherein the at least one stiffening element (3, 4, 5) is produced from a material having a higher stiffness than the plastic bag.

IPC 8 full level
B65D 71/06 (2006.01); **B65D 33/02** (2006.01); **B65D 75/52** (2006.01)

CPC (source: EP US)
B65D 33/02 (2013.01 - EP US); **B65D 71/066** (2013.01 - EP US); **B65D 75/525** (2013.01 - EP US)

Citation (examination)
• DE 1835788 U 19610727 - ERNST HAISS EISEN U METALL KOM [DE]
• US 4709851 A 19871201 - VANASSE ROBERT W [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

DOCDB simple family (publication)
WO 2017174395 A1 20171012; AR 107920 A1 20180628; DE 102016205758 A1 20171012; DK 3439983 T3 20210809;
EP 3439983 A1 20190213; EP 3439983 B1 20210519; ES 2882489 T3 20211202; HR P20211215 T1 20211112; HU E055379 T2 20211129;
PL 3439983 T3 20211122; PT 3439983 T 20210603; RS 62168 B1 20210831; SI 3439983 T1 20210930; US 11794954 B2 20231024;
US 2020189799 A1 20200618

DOCDB simple family (application)
EP 2017057260 W 20170328; AR P170100678 A 20170317; DE 102016205758 A 20160407; DK 17715074 T 20170328;
EP 17715074 A 20170328; ES 17715074 T 20170328; HR P20211215 T 20210727; HU E17715074 A 20170328; PL 17715074 T 20170328;
PT 17715074 T 20170328; RS P20210908 A 20170328; SI 201730866 T 20170328; US 201716091849 A 20170328