

Title (en)  
PACKAGING CONTAINER AND FILM PRODUCTION

Title (de)  
VERPACKUNGSBEHÄLTER UND FOLIENHERSTELLUNG

Title (fr)  
CONTENANT D'EMBALLAGE ET FABRICATION DE FEUILLES

Publication  
**EP 3658468 A1 20200603 (DE)**

Application  
**EP 18737807 A 20180618**

Priority  
• DE 202017104459 U 20170726  
• EP 2018066051 W 20180618

Abstract (en)  
[origin: WO2019020275A1] The invention relates to a packaging container (1, 2) for loose or free-flowing filling material, said packaging container consisting of plastic monofilm or composite film with at least one layer of plastic and forming, in a filled and closed form, a wrapping of the filling material with two mutually opposing main walls (3, 4) which act as bearing faces in a stack with other filled packaging containers and consist of thermoplastic, at least on the outer surfaces (15) thereof. The packaging container according to the invention is designed to be stackable in a non-slip manner but also easily removable from the stack and to this end, for practical production and processing, is designed such that the two surfaces (15) are embossed for a surface roughness having a roughness depth of 20-40 µm.

IPC 8 full level  
**B65D 65/40** (2006.01); **B32B 27/32** (2006.01)

CPC (source: EP KR RU US)  
**B32B 15/085** (2013.01 - US); **B32B 15/20** (2013.01 - US); **B32B 27/32** (2013.01 - KR US); **B65D 65/40** (2013.01 - EP KR RU); **B65D 75/30** (2013.01 - US); **B32B 2307/538** (2013.01 - US); **B32B 2439/40** (2013.01 - US); **B65D 2565/381** (2013.01 - KR)

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)  
**DE 202017104459 U1 20181030**; CN 111032528 A 20200417; EP 3658468 A1 20200603; KR 102633982 B1 20240205; KR 20200028404 A 20200316; RU 2020102294 A 20210826; RU 2020102294 A3 20210826; RU 2768681 C2 20220324; US 11702263 B2 20230718; US 2021147132 A1 20210520; WO 2019020275 A1 20190131

DOCDB simple family (application)  
**DE 202017104459 U 20170726**; CN 201880049936 A 20180618; EP 18737807 A 20180618; EP 2018066051 W 20180618; KR 20207002932 A 20180618; RU 2020102294 A 20180618; US 201816633188 A 20180618