

Title (en)

STRUCTURAL BODY AND METHOD FOR THE PRODUCTION THEREOF

Title (de)

STRUKTURKÖRPER UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

CORPS STRUCTURÉ ET PROCÉDÉ DE FABRICATION DUDIT CORPS

Publication

EP 3433088 A1 20190130 (DE)

Application

EP 17713282 A 20170323

Priority

- DE 102016204775 A 20160323
- EP 2017057001 W 20170323

Abstract (en)

[origin: US2017274588A1] The invention relates to a structured body and a method for its preparation, whereby the structured body is produced of at least one powdery starting material by application of heat and/or pressure, and has several layers, whereby the starting material consists predominantly of thermoplastic basic material, and whereby the density of at least two layers of the structured body differ from each other, and whereby at least one layer of lower density contains hollow microspheres.

IPC 8 full level

B29C 70/66 (2006.01); **B29C 44/04** (2006.01); **B29C 44/06** (2006.01); **B29C 44/24** (2006.01); **B32B 5/14** (2006.01); **B32B 5/30** (2006.01)

CPC (source: EP KR US)

B29C 44/06 (2013.01 - EP KR US); **B29C 44/24** (2013.01 - EP KR US); **B29C 64/141** (2017.07 - EP KR US); **B29C 64/40** (2017.07 - EP KR US);
B29C 70/66 (2013.01 - EP KR US); **B32B 3/06** (2013.01 - EP US); **B32B 5/02** (2013.01 - EP KR US); **B32B 5/14** (2013.01 - EP US);
B32B 5/145 (2013.01 - EP US); **B32B 5/16** (2013.01 - EP US); **B32B 5/30** (2013.01 - EP KR US); **B32B 7/022** (2018.12 - KR);
B32B 7/04 (2013.01 - EP US); **B32B 27/14** (2013.01 - EP KR US); **B32B 27/304** (2013.01 - KR); **B33Y 10/00** (2014.12 - US);
B33Y 80/00 (2014.12 - US); **B29K 2027/06** (2013.01 - EP KR US); **B29K 2101/12** (2013.01 - EP KR US); **B29K 2105/0076** (2013.01 - EP KR US);
B29K 2105/041 (2013.01 - EP US); **B29K 2105/251** (2013.01 - EP KR US); **B29K 2995/0063** (2013.01 - EP KR US);
B29L 2009/00 (2013.01 - EP KR US); **B32B 2250/03** (2013.01 - EP US); **B32B 2250/40** (2013.01 - EP US); **B32B 2262/101** (2013.01 - EP US);
B32B 2264/0207 (2013.01 - EP US); **B32B 2264/0242** (2013.01 - EP US); **B32B 2264/10** (2013.01 - EP US); **B32B 2264/101** (2013.01 - EP US);
B32B 2264/12 (2013.01 - EP US); **B32B 2305/028** (2013.01 - EP US); **B32B 2307/50** (2013.01 - EP US); **B32B 2307/542** (2013.01 - EP US);
B32B 2307/546 (2013.01 - EP US); **B32B 2307/72** (2013.01 - EP KR US); **B32B 2398/20** (2013.01 - EP US); **B32B 2419/00** (2013.01 - EP US);
B33Y 10/00 (2014.12 - KR); **B33Y 80/00** (2014.12 - KR)

Citation (search report)

See references of WO 2017162827A1

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)

US 2017274588 A1 20170928; CN 109937134 A 20190625; DE 102016204775 A1 20170928; EP 3433088 A1 20190130;
KR 20190009283 A 20190128; WO 2017162827 A1 20170928

DOCDB simple family (application)

US 201715466278 A 20170322; CN 201780031741 A 20170323; DE 102016204775 A 20160323; EP 17713282 A 20170323;
EP 2017057001 W 20170323; KR 20187030593 A 20170323