

Title (en)
POLYURETHANE/POLYISOCYANURATE FOAM BLOCK OF A THERMAL INSULATION MASS OF A VESSEL, AND PREPARATION PROCESS THEREOF

Title (de)
POLYURETHAN/POLYISOCYANURAT-SCHAUMSTOFFBLOCK EINER THERMISCHEN ISOLATIONSMASSE EINES BEHÄLTERS UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
BLOC DE MOUSSE POLYURÉTHANE/POLYISOCYANURATE D'UN MASSIF D'ISOLATION THERMIQUE D'UNE CUVE ET SON PROCÉDÉ DE PRÉPARATION

Publication
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Application
EP 20723452 A 20200316

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• FR 2020000059 W 20200316

Abstract (en)
[origin: WO2020193874A1] The invention relates to a fibrous polyurethane/polyisocyanurate foam block in which the fiber density increases along its thickness from the lower face of the block to its upper face, from a lower density range of 1% to 9.99% by weight of fibers (10) to an upper density range of 10% to 35% by weight of fibers (10).

IPC 8 full level
C08G 18/24 (2006.01); **B29C 44/30** (2006.01); **C08G 18/40** (2006.01); **C08G 18/76** (2006.01); **C08J 9/00** (2006.01); **C08K 3/016** (2018.01); **C08L 75/04** (2006.01); **D01F 11/14** (2006.01); **F17C 3/04** (2006.01)

CPC (source: EP KR)
B29C 44/30 (2013.01 - KR); **B63B 25/16** (2013.01 - KR); **B63B 27/24** (2013.01 - KR); **B63B 27/34** (2013.01 - KR); **C08G 18/246** (2013.01 - EP); **C08G 18/4018** (2013.01 - EP); **C08G 18/7664** (2013.01 - EP); **C08J 9/0061** (2013.01 - KR); **C08J 9/0085** (2013.01 - EP KR); **C08J 9/144** (2013.01 - EP); **C08J 9/146** (2013.01 - EP); **C08K 3/016** (2018.01 - EP); **C08K 5/0066** (2013.01 - EP); **C08K 7/02** (2013.01 - EP); **C08K 7/14** (2013.01 - KR); **C08K 7/28** (2013.01 - EP); **C08L 75/04** (2013.01 - EP KR); **B63B 2231/50** (2013.01 - KR); **C08G 2110/0041** (2021.01 - EP); **C08J 2203/142** (2013.01 - EP); **C08J 2203/162** (2013.01 - EP); **C08J 2375/04** (2013.01 - EP KR); **C08K 3/02** (2013.01 - EP); **C08K 3/042** (2017.05 - EP); **C08K 3/22** (2013.01 - EP); **C08K 3/2279** (2013.01 - EP); **C08K 5/521** (2013.01 - EP); **C08K 7/06** (2013.01 - EP); **C08K 7/10** (2013.01 - EP); **C08K 2003/026** (2013.01 - EP); **C08K 2003/2227** (2013.01 - EP); **C08K 2003/323** (2013.01 - EP); **C08L 2205/16** (2013.01 - EP); **F17C 2203/0333** (2013.01 - EP KR); **F17C 2203/0358** (2013.01 - EP KR)

C-Set (source: EP)
1. **C08K 3/016 + C08L 75/04**
2. **C08K 7/02 + C08L 75/04**
3. **C08K 7/28 + C08L 75/04**
4. **C08K 5/0066 + C08L 75/04**

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2020193874 A1 20201001; CN 113631611 A 20211109; CN 113631611 B 20240223; EP 3947504 A1 20220209; FR 3094451 A1 20201002; FR 3094451 B1 20221223; JP 2022528619 A 20220615; JP 7541996 B2 20240829; KR 20210146953 A 20211206; SG 11202110316V A 20211028

DOCDB simple family (application)
FR 2020000059 W 20200316; CN 202080024116 A 20200316; EP 20723452 A 20200316; FR 1903123 A 20190326; JP 2021556765 A 20200316; KR 20217033304 A 20200316; SG 11202110316V A 20200316