

Title (en)

HIGHER-STRENGTH ETPU

Title (de)

ETPU MIT HOHER FESTIGKEIT

Title (fr)

POLYURÉTHANE THERMOPLASTIQUE ÉLASTOMÈRE À RÉSISTANCE ÉLEVÉE

Publication

**EP 3902858 A1 20211103 (DE)**

Application

**EP 19829651 A 20191227**

Priority

- EP 18248126 A 20181228
- EP 2019087076 W 20191227

Abstract (en)

[origin: WO2020136239A1] The present invention relates to an expanded granulate comprising a thermoplastic polyurethane obtainable or obtained by reacting a polyisocyanate composition (IZ), containing at least one aliphatic diisocyanate with a number-average molecular weight of less than 200 g/mol, with at least one chain extender (KV1) and a polyol composition (PZ), and also to a method for producing an expanded granulate of this type. The present invention also relates to the use of an expanded granulate according to the invention for producing a moulded body.

IPC 8 full level

**C08G 18/48** (2006.01); **C08G 18/24** (2006.01); **C08G 18/32** (2006.01); **C08G 18/66** (2006.01); **C08G 18/73** (2006.01); **C08G 18/76** (2006.01);  
**C08J 9/12** (2006.01); **C08J 9/18** (2006.01); **C08G 101/00** (2006.01)

CPC (source: EP KR US)

**C08G 18/244** (2013.01 - EP); **C08G 18/3206** (2013.01 - EP US); **C08G 18/4854** (2013.01 - EP US); **C08G 18/6674** (2013.01 - EP KR US);  
**C08G 18/73** (2013.01 - EP KR); **C08G 18/7671** (2013.01 - EP); **C08J 9/18** (2013.01 - EP KR US); **C08J 9/228** (2013.01 - EP KR US);  
**C08G 2101/00** (2013.01 - EP KR US); **C08G 2410/00** (2013.01 - EP US); **C08J 9/122** (2013.01 - EP); **C08J 2203/06** (2013.01 - EP);  
**C08J 2207/00** (2013.01 - EP); **C08J 2375/04** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2020136239A1

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BA ME

DOCDB simple family (publication)

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TW 108148069 A 20191227; US 201917309829 A 20191227