

Title (en)

RIGID AND DUCTILE POLYAMIDE-BASED TRANSPARENT COMPOSITION AND USE THEREOF

Title (de)

STEIFE UND DUKTILE, AUF POLYAMID BASIERENDE TRANSPARENTE ZUSAMMENSETZUNG UND DEREN VERWENDUNG

Title (fr)

COMPOSITION TRANSPARENTE RIGIDE ET DUCTILE A BASE DE POLYAMIDE ET SON UTILISATION

Publication

EP 3649197 A1 20200513 (FR)

Application

EP 18762569 A 20180706

Priority

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Abstract (en)

[origin: WO2019008288A1] The invention relates to the use of at least one impact modifier having a refractive index IR1 in a polyamide matrix consisting of a mixture of amorphous polyamide and semicrystalline polyamide, said matrix having a refractive index IR2, the difference in absolute value of IR1 - IR2 not exceeding 0.006, to produce a transparent composition having a fatigue strength, under the fatigue test referred to as notched "Ross-Flex", greater than 50 000 at -10°C.

IPC 8 full level

C08L 77/02 (2006.01); **A43B 5/02** (2006.01); **A43B 5/04** (2006.01); **A61F 9/02** (2006.01); **C08G 69/36** (2006.01); **G02C 11/00** (2006.01)

CPC (source: EP KR US)

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C-Set (source: EP)

1. **C08L 77/02** + **C08L 51/06** + **C08L 77/06**
2. **G02B 1/04** + **C08L 77/00**

Citation (search report)

See references of WO 2019008288A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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