

Title (en)

SOFT CHEMICALLY FOAMED THERMOPLASTIC VULCANIZATE FOR SEALING APPLICATION BY ROBOTIC EXTRUSION

Title (de)

WEICHES CHEMISCH VERSCHÄUMTES THERMOPLASTISCHES VULKANISAT FÜR DICHTUNGSANWENDUNGEN DURCH ROBOTEREXTRUSION

Title (fr)

VULKANISAT THERMOPLASTIQUE MOU A MOUSSAGE CHIMIQUE POUR APPLICATION D'ETANCHEIFICATION PAR EXTRUSION ROBOTIQUE

Publication

**EP 1497360 A4 20060531 (EN)**

Application

**EP 02731418 A 20020419**

Priority

US 0212289 W 20020419

Abstract (en)

[origin: WO03095538A1] The present invention relates to a foamable thermoplastic elastomer composition (TPE) comprising a thermoplastic rubber, having a Shore A hardness below about 85, a thermoplastic polyolefin resin with a melt flow rate below about 8.0 g/10min and a chemical blowing agent, which composition is capable of being melt-extrudable by robotic extrusion. The invention further relates to an extruded article obtainable from said composition, a method of making said article by use of robotic extrusion and to an automotive screen having a sealing profile along or to the edge of the glass window screen and other sealing profiles to rigid substrates.

IPC 1-7

**C08J 9/08**

IPC 8 full level

**B60J 1/00** (2006.01); **B29C 47/02** (2006.01); **C08J 9/00** (2006.01); **C08J 9/06** (2006.01); **C08L 21/00** (2006.01); **C08L 23/00** (2006.01); **B29K 19/00** (2006.01); **B29K 21/00** (2006.01); **B29K 23/00** (2006.01); **B29K 105/04** (2006.01)

CPC (source: EP KR)

**C08J 9/0061** (2013.01 - EP); **C08J 9/06** (2013.01 - EP KR); **C08J 9/08** (2013.01 - KR); **C08L 15/00** (2013.01 - KR); **C08J 2201/03** (2013.01 - EP); **C08J 2323/02** (2013.01 - EP); **C08J 2421/00** (2013.01 - EP)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 03095538A1

Cited by

CN110229371A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 03095538 A1 20031120**; AU 2002303397 A1 20031111; EP 1497360 A1 20050119; EP 1497360 A4 20060531; JP 2005523376 A 20050804; JP 4131502 B2 20080813; KR 20040111327 A 20041231

DOCDB simple family (application)

**US 0212289 W 20020419**; AU 2002303397 A 20020419; EP 02731418 A 20020419; JP 2004503545 A 20020419; KR 20047003803 A 20020419