

Title (en)
THERMOPLASTIC ELASTOMER

Title (de)
THERMOPLASTISCHES ELASTOMER

Title (fr)
ÉLASTOMÈRE THERMOPLASTIQUE

Publication
EP 2041220 A1 20090401 (DE)

Application
EP 07786149 A 20070718

Priority
• EP 2007006375 W 20070718
• DE 102006033897 A 20060718

Abstract (en)
[origin: WO2008009432A1] The invention relates to a thermoplastic elastomer which can be produced from a production composition comprising at least one propylene copolymer made of propylene and at least one further alkylene, the propylene copolymer having a notch impact strength at -20°C of at least 5 kJ/m² and no more than<SUP/>10 kJ/m², further comprising at least one ethylene copolymer made of ethylene and at least one further alkylene, and comprising at least one ethylene propylene diene rubber, and at least one filler for the modification of surface-forming properties of the thermoplastic elastomer. The invention further relates to the use of such a thermoplastic elastomer, to an elastomer product, and to a method for the production of a thermoplastic elastomer.

IPC 8 full level
C08L 23/08 (2006.01); **C08K 3/22** (2006.01); **C08L 23/14** (2006.01); **C08L 23/16** (2006.01)

CPC (source: EP)
C08L 23/0815 (2013.01); **C08L 23/142** (2013.01); **C08L 23/16** (2013.01)

Citation (search report)
See references of WO 2008009432A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2008009432 A1 20080124; DE 102006033897 A1 20080124; EP 2041220 A1 20090401

DOCDB simple family (application)
EP 2007006375 W 20070718; DE 102006033897 A 20060718; EP 07786149 A 20070718