

Title (en)

HIGH-FREQUENCY-WELDABLE POLYMER MIXTURE AND PROCESSES FOR USING THE SAME

Title (de)

HOCHFREQUENZ-SCHWEISSBARES POLYMERGEMISCH UND VERFAHREN FÜR DESSEN VERWENDUNG

Title (fr)

MELANGE POLYMERES POUVANT ETRE SOUMIS A UN SOUDAGE HAUTE FREQUENCE ET SES PROCEDES D'UTILISATION

Publication

**EP 1713857 A1 20061025 (EN)**

Application

**EP 05707268 A 20050208**

Priority

- EP 2005001271 W 20050208
- EP 04002801 A 20040209
- EP 05707268 A 20050208

Abstract (en)

[origin: EP1561782A1] New High-frequency-weldable polymer mixtures, processes for using the same and to sheets or molded articles containing said polymer mixture are described. In more detail, the present invention relates to PP grades with high frequency welding properties and to processes for using the same in blow moulding, sheet extrusion, blown film, coating, calendaring, cast film, injection moulding and fibre to none woven for automotive interior.

IPC 8 full level

**B29C 65/00** (2006.01); **B29C 65/04** (2006.01); **B32B 27/32** (2006.01); **C08J 5/18** (2006.01); **C08L 23/14** (2006.01); **C08L 23/08** (2006.01); **C08L 77/00** (2006.01)

CPC (source: EP)

**B29C 65/04** (2013.01); **B29C 66/71** (2013.01); **B32B 27/32** (2013.01); **C08J 5/18** (2013.01); **C08L 23/142** (2013.01); **B29K 2019/00** (2013.01); **B29K 2023/083** (2013.01); **B29K 2023/12** (2013.01); **B29K 2077/00** (2013.01); **B29K 2105/0085** (2013.01); **B29K 2105/0088** (2013.01); **C08J 2323/14** (2013.01); **C08L 23/0815** (2013.01); **C08L 77/00** (2013.01)

Citation (search report)

See references of WO 2005075557A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1561782 A1 20050810**; EP 1713857 A1 20061025; WO 2005075557 A1 20050818

DOCDB simple family (application)

**EP 04002801 A 20040209**; EP 05707268 A 20050208; EP 2005001271 W 20050208