

Title (en)  
Polyolefin fibres

Title (de)  
Polyolefinfasern

Title (fr)  
Fibres de polyoléfine

Publication  
**EP 2463413 B1 20140129 (EN)**

Application  
**EP 11191869 A 20111205**

Priority  
• EP 10193988 A 20101207  
• EP 11191869 A 20111205

Abstract (en)  
[origin: EP2463413A1] A fibre comprising a polyolefin composition wherein said composition comprises (per cent by weight): a) from 50% to 85%, of a propylene polymer having an amount of isotactic pentads (mmmm), measured by <sup>13</sup>C-MNR on the fraction insoluble in xylene at 25° C, higher than 97.5 molar %; b) from 5% to 20%, of a copolymer of ethylene and propylene, the copolymer having an amount of recurring units deriving from ethylene ranging from 30 to 50%, and being partially soluble in xylene at 25° C; the polymer fraction soluble in xylene at 25° C having an intrinsic viscosity value ranging from 1.5 to 4 dl/g; and c) from 5% to 30%, of ethylene homopolymer; the sum a) + b) + c) being 100; said composition having a value of melt flow rate ranging from 20 to 150 g/10 min.

IPC 8 full level  
**D01F 6/46** (2006.01)

CPC (source: EP)  
**D01F 6/46** (2013.01)

Cited by  
US9994982B2; US10156031B2; US11591730B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2463413 A1 20120613; EP 2463413 B1 20140129**

DOCDB simple family (application)  
**EP 11191869 A 20111205**