

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 ¹³C-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

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