

Title (en)

Olefin polymerization process with product viscosity and pour point control.

Title (de)

Olefinpolymerisationsverfahren mit Kontrolle der Viskosität und des Fließpunktes des Produkts.

Title (fr)

Procédé de polymérisation d'oléfines avec contrôle de la viscosité et du point d'écoulement du produit.

Publication

EP 0323759 A2 19890712 (EN)

Application

EP 88312436 A 19881230

Priority

US 14118988 A 19880106

Abstract (en)

This invention relates to conversion of light neutral viscosity range decene oligomers from a BF₃ polymerization process to higher viscosity products by reaction with ditertiary butyl peroxide. The products have reduced pour point and increased viscosity compared to products not utilizing ditertiary butyl peroxide. The process of the present invention eliminates the need for alkyl aluminum chloride or esters thereof.

IPC 1-7

C07C 2/20; **C10G 71/04**

IPC 8 full level

C10G 50/02 (2006.01); **C10G 57/02** (2006.01); **C10G 69/12** (2006.01)

CPC (source: EP)

C10G 50/02 (2013.01); **C10G 2400/10** (2013.01)

Cited by

EP0785245A3; US5420373A; WO9824863A1

Designated contracting state (EPC)

BE DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0323759 A2 19890712; **EP 0323759 A3 19900307**; AU 2771389 A 19890706; JP H01247490 A 19891003; ZA 89141 B 19900926

DOCDB simple family (application)

EP 88312436 A 19881230; AU 2771389 A 19890104; JP 189789 A 19890106; ZA 89141 A 19890106