

Title (en)

METALLOCENE-CATALYZED OLIGODECENES, THEIR PRODUCTION AND THEIR USE AS COMPONENT IN LUBRICANTS

Title (de)

METALLOCENKATALYSIERT HERGESTELLTE OLIGODECENE, IHRE HERSTELLUNG UND IHRE VERWENDUNG ALS KOMPONENTEN IN SCHMIERSTOFFEN

Title (fr)

OLIGODECENES PRODUITS PAR CATALYSE AU METALLOCENE, LEUR PRODUCTION ET LEUR UTILISATION COMME COMPOSANTS DANS DES LUBRIFIANTS

Publication

EP 1088049 A2 20010404 (DE)

Application

EP 99927838 A 19990602

Priority

- DE 19827323 A 19980619
- EP 9903809 W 19990602

Abstract (en)

[origin: DE19827323A1] Oligodecenes with a number average molecular weight of 30000 to 200000 obtained by oligomerizing linear 1-decene are new. An Independent claim is also included for a process for the manufacture of oligodecenes comprising oligomerizing linear 1-decene in the presence of titanium-, zirconium- or hafnium-metallocene catalyst and an activator based on organoaluminum, organoboron or carbocationic compounds.

IPC 1-7

C10M 143/08; C10L 1/16; C07C 2/34; C08F 10/14; C07C 9/22

IPC 8 full level

C08F 4/60 (2006.01); **C08F 4/6192** (2006.01); **C08F 8/04** (2006.01); **C08F 10/14** (2006.01); **C08F 110/14** (2006.01); **C10M 107/10** (2006.01); **C10M 143/08** (2006.01); C10N 20/04 (2006.01); C10N 30/02 (2006.01); C10N 40/04 (2006.01); C10N 40/25 (2006.01)

CPC (source: EP KR)

C10M 107/10 (2013.01 - EP); **C10M 129/02** (2013.01 - KR); **C10M 143/08** (2013.01 - EP); C10M 2205/0285 (2013.01 - EP); C10N 2040/04 (2013.01 - EP); C10N 2040/25 (2013.01 - EP)

Citation (search report)

See references of WO 9967347A2

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