

Title (en)
LOW VISCOSITY LUBRICATING POLYOLEFINS

Title (de)
NIEDRIGVISKOSE SCHMIERMITTELPOLYOLEFINE

Title (fr)
POLYOLÉFINES LUBRIFIANTES DE BASSE VISCOSITÉ

Publication
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Application
EP 16732674 A 20160629

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• FR 1556043 A 20150629
• EP 2016065109 W 20160629

Abstract (en)
[origin: WO2017001458A1] The invention relates to a low viscosity oil comprising more than 50% by weight of 9-methylnonadecane, and to a lubricating composition comprising this base oil and, optionally, another base oil or an additive. The oil according to the invention has a kinematic viscosity at 100° C, measured by the ASTM D445 standard, of 0.5 to 2.5 mm².s⁻¹. The invention also relates to such a low viscosity oil prepared via a specific method using a metallocene catalyst, and to the use of said oil as high performance lubricant for lubrication in the field of motors, hydraulic fluids and gears, in particular bridges and transmissions.

IPC 8 full level
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See references of WO 2017001458A1

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FR 3037969 A1 20161230; **FR 3037969 B1 20170811**; CN 107849474 A 20180327; EP 3313964 A1 20180502; JP 2018519394 A 20180719; US 10377960 B2 20190813; US 2018187118 A1 20180705; WO 2017001458 A1 20170105

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