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(54) Polymer thickened lubricating grease

(57) The present invention relates to a polymer thickener for lubricant grease compositions, wherein the thickener comprises a mixture of (1) a high molecular weight (co- or homo-)polymer of propylene with a weight average molecular weight ≧ 200,000 and (2) a low molecular weight (co- or homo-)polymer of propylene with a weight average molecular weight ≦ 100,000. The invention further relates to a lubricating grease composition comprising a lubricating oil and the above polymeric thickener, as well as a method for preparing said grease composition. Also, the invention relates to the use of such a polymer thickener in the preparation of lubricating grease compositions with improved oil bleeding characteristics at low temperature and improved noise characteristics and/or improved mechanical stability.

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EUROPEAN SEARCH REPORT

Application Number
EP 95 20 2464

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
D,X	US-A-2 917 458 (ESSO) * the whole document *	1-14	C10M119/02
Y		5	//(C10M119/02, 119:02), C10N20:04, C10N50:10, C10N70:00
Y	US-A-3 392 119 (PHILLIPS PETROLEUM) * claims 1-3 *	5	
A	US-A-3 290 244 (SUN OIL) * claims 1-13 *	1-14	
D,A	FR-A-2 162 016 (BP)		

TECHNICAL FIELDS SEARCHED (Int.Cl.6)

C10M

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	19 February 1996	Michiels, P

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
Y : particularly relevant if combined with another document of the same category
A : technological background
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E : earlier patent document, but published on, or after the filing date
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