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EUROPEAN PATENT APPLICATION

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/(C10M141/00,129:00,129:38,
129:52,129:58,129:68,129:74,
129:76,129:95,133:00,133:18,
133:52),(C10M163/00,129:00,
129:95,133:00,133:52,159:16,
159:20),C10N10:02

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54 **Friction modified oleaginous concentrates of improved stability.**

57 According to the present invention, oleaginous compositions having improved storage stability properties are provided, which comprise a combination of ashless dispersants, friction modifier and oil-soluble copper antioxidants, wherein the composition is substantially free of boron.

EP 0 330 523 A3



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. 4)
X	CHEMICAL ABSTRACTS, vol. 95, no.6, September 1981, page 145, ref. no. 100368f, columbus, Ohio, US & SU-A 827 536 (ALL-UNION SCIENTIFIC-RESEARCH INSTITUTE FOR CONSTRUCTION OF REDUCTION GEARS) 07-05-1981 * Whole document *	1,2,9, 18,21	C 10 M 141/00 C 10 M 163/00 / (C 10 M 141/00, 129:00, 129:38, 129:52, 129:58, 129:68, 129:74, 129:76, / 133:00, / 133:18, 133:52)
P,X L*	EP-A-0 271 363 (EXXON CHEMICAL PATENTS INC.) * Abstract; page 1, line 3 - page 7, line 40; page 8, line 7 - page 10, line 14; claims 1-12 *	1,2,8, 18,21	(C 10 M 163/00, 129:00, 129:95, 133:00, 133:52, 159:16, 159:20) /.
Y	--	9	
D,Y	US-A-4 664 822 (M.W. HUNT et al.) * Abstract; column 1, line 6 - column 3, line 37; column 3, line 51 - column 4, line 46; column 6, line 12 - column 7, line 27; column 9, line 27 - column 12, line 23; column 13, lines 54-59; column 17, line 30 - column 20, line 48; claims 1-3, 10-16 *	1,2,9, 18,21	TECHNICAL FIELDS SEARCHED (Int. Cl. 4) C 10 M
D,Y L*	US-A-4 105 571 (EXXON RESEARCH & ENGINEERING COMP.) * Abstract; column 1, lines 25-35; column 1, line 52 - column 2, line 25; column 3, line 66 - column 5, line 40; column 7, line 10 - column 11, line 8; column 11, line 17 - column 12,	1,2,9, 18,21	
The present search report has been drawn up for all claims		/.	
Place of search The Hague		Date of completion of the search 10-04-1990	Examiner FISCHER
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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rest
in context
12.12.1990
M.S.



CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.
- Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid.
namely claims:
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions.

namely:

1. Claims 1,2,9,18,21
2. Claims 3-7
3. Claim 8
4. Claims 10-17
5. Claim 19
6. Claim 20
7. Claims 22,23

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid.
namely claims: 1,2,8,9,18,21
- None of the further search fees has been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims.
namely claims:



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. 4)
D, Y, L*	EP-A-0 024 146 (EXXON RESEARCH & ENGINEERING COMP.) * Abstract; page 4, lines 4-15, page 5, line 1 - page 7, line 19; page 10, line 5 - page 11, line 19; page 13, line 11 - page 18, line 22; page 28, line 18 - page 29, line 7; page 30, lines 20,21; claims 1-4,7-14 *	1,18,21	C 10 N 10:02 C 10 N 30:04 C 10 N 30:06 C 10 N 30:10 C 10 N 40:00 C 10 N 40:04
Y, L*	EP-A-0 039 998 (EXXON RESEARCH & ENGINEERING COMP.) * Abstract; page 1, line 1 - page 5, line 20; page 6, line 20 - page 8, line 15; page 8, line 28 - page 9, line 27; claims 1-9 *	1,9	
A	US-A-3 180 832 (M.J. FUREY) * Column 1, line 20 - column 3, line 24; example 1; claims 1-7 *	1,9	TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
D, Y	EP-A-0 225 580 (AMOCO CORP.) * Abstract; page 1, line 4 - page 5, line 16; page 6, line 24 - page 7, line 18; page 31, line 25 - page 32, line 21; claims 1-3, 10-15,17,28-30,37,39 *	1,18,21	
A	MACHINE DESIGN, vol. 46, no. 1, May 2, 1974, pages 108-110 R.L. GREEN et al.: "Lubricants for traction drives"		
-- ./. --			
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner

EPO Form 1503 03 82

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
 O : non-written disclosure
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T : theory or principle underlying the invention
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 L : document cited for other reasons
 & : member of the same patent family, corresponding document



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. 2)
	<p>L*: Document so quoted for its casting doubt on the "first deposit character" of US-Ser-No. 160686 and thus validity of the convention priority claim.</p> <p style="text-align: center;">-----</p>		
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
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<p>X : particularly relevant if taken alone</p> <p>Y : particularly relevant if combined with another document of the same category</p> <p>A : technological background</p> <p>O : non-written disclosure</p> <p>P : intermediate document</p>		<p>T : theory or principle underlying the invention</p> <p>E : earlier patent document, but published on, or after the filing date</p> <p>D : document cited in the application</p> <p>L : document cited for other reasons</p> <p>& : member of the same patent family, corresponding document</p>	