

Title (en)

LUBRICANT COMPOSITION AND MANUFACTURING METHOD OF LUBRICANT COMPOSITION

Title (de)

SCHMIERMITTELZUSAMMENSETZUNG UND HERSTELLUNGSVERFAHREN VON SCHMIERMITTELZUSAMMENSETZUNG

Title (fr)

COMPOSITION LUBRIFIANTE ET PROCÉDÉ DE FABRICATION DE COMPOSITION LUBRIFIANTE

Publication

EP 3176245 B1 20191030 (EN)

Application

EP 15827870 A 20150724

Priority

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Abstract (en)

[origin: EP3176245A1] Provided are a lubricant composition in which low friction and low abrasion are compatible in various temperatures and loads, and a manufacturing method of a lubricant composition. A lubricant composition of the present invention contains at least trivalent or more polyol a1; a mixture b1 of at least one of a polymerization reaction mixture of an unsaturated fatty acid having 18 to 22 carbon atoms which contains at least 75 mass% of a divalent carboxylic acid having 36 to 44 carbon atoms or a mixture obtained by performing hydrogenation with respect to the polymerization reaction mixture; and composite ester A containing polyester in which monool c1 represented by General Formula (1) described below is condensed, in which a feed ratio of the number of moles of a hydroxyl group of a1/the number of moles of a carboxylic acid of b1/the number of moles of a hydroxyl group of c1 is 1/1.5 to 2.0/0.7 to 1.5, and a content of the composite ester A is 0.1 to 5 mass% with respect to the total mass of the lubricant composition. #####General Formula (1):#####R-OH

IPC 8 full level

C10M 129/78 (2006.01); **C10M 101/02** (2006.01); **C10M 105/18** (2006.01); **C10M 105/32** (2006.01); **C10M 107/02** (2006.01); **C10M 107/34** (2006.01); **C10N 10/04** (2006.01); **C10N 10/12** (2006.01); **C10N 20/02** (2006.01); **C10N 40/00** (2006.01); **C10N 40/02** (2006.01); **C10N 40/04** (2006.01); **C10N 40/08** (2006.01); **C10N 40/12** (2006.01); **C10N 40/18** (2006.01); **C10N 40/20** (2006.01); **C10N 40/22** (2006.01); **C10N 40/24** (2006.01); **C10N 40/25** (2006.01); **C10N 40/30** (2006.01); **C10N 40/36** (2006.01)

CPC (source: EP US)

C10M 129/78 (2013.01 - EP US); **C10M 159/12** (2013.01 - US); **C10M 169/042** (2013.01 - US); **C10M 169/045** (2013.01 - US); **C10M 2203/024** (2013.01 - US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2205/0206** (2013.01 - EP US); **C10M 2205/0285** (2013.01 - EP US); **C10M 2207/003** (2013.01 - EP US); **C10M 2207/0406** (2013.01 - EP US); **C10M 2207/2805** (2013.01 - EP US); **C10M 2207/30** (2013.01 - EP US); **C10M 2207/301** (2013.01 - EP US); **C10M 2207/304** (2013.01 - EP US); **C10M 2219/068** (2013.01 - EP US); **C10M 2223/045** (2013.01 - US); **C10N 2010/04** (2013.01 - EP US); **C10N 2010/12** (2013.01 - EP US); **C10N 2020/02** (2013.01 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/50** (2020.05 - EP US); **C10N 2030/54** (2020.05 - EP US); **C10N 2040/02** (2013.01 - EP US); **C10N 2040/04** (2013.01 - EP US); **C10N 2040/08** (2013.01 - EP US); **C10N 2040/20** (2013.01 - EP US); **C10N 2040/25** (2013.01 - EP US); **C10N 2040/30** (2013.01 - EP US); **C10N 2040/50** (2020.05 - EP US); **C10N 2050/10** (2013.01 - EP US)

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