

Title (en)

LUBRICATING COMPOSITION COMPRISING POLY(HYDROXYCARBOXYLIC ACID) AMIDE AND DETERGENT

Title (de)

SCHMIERMITTELZUSAMMENSETZUNG MIT EINEM POLY(HYDROCARBONSÄURE)AMID UND REINIGUNGSMITTEL

Title (fr)

COMPOSITION DE LUBRIFICATION COMPRENANT UN AMIDE DE POLY(ACIDE HYDROXYCARBOXYLIQUE) ET UN DÉTERGENT

Publication

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Application

**EP 09804586 A 20090807**

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Abstract (en)

[origin: WO2010015706A1] The present invention provides a lubricating composition comprising: a base oil; one or more poly (hydroxycarboxylic acid) amide salt derivatives having Formula (III) :  $[Y-CO [O-A-CO]_n-Z-R^+]_m pXq^-$  wherein Y is hydrogen or an optionally substituted hydrocarbyl group, A is a divalent optionally substituted hydrocarbyl group, n is from 1 to 100, preferably from 1 to 10, m is from 1 to 4, q is from 1 to 4 and p is an integer such that  $pq = m$ , Z is an optionally substituted divalent bridging group which is attached to the carbonyl group through a nitrogen atom, R<sup>+</sup> is an ammonium group and Xq<sup>-</sup> is an anion; and one or more detergents; wherein the soap concentration as provided by a detergent selected from the group of sulphonate and salicylate detergents is less than 3.75 mmol soap per wt.% of the one or more poly (hydroxycarboxylic acid) amide salt derivatives having Formula (III).

IPC 8 full level

**C10M 161/00** (2006.01)

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