

Title (en)
COMPOSITION COMPRISING A MIXTURE OF ALKYL MONO AND POLYLACTYLLACTATE

Title (de)
ZUSAMMENSETZUNG ENTHALTEND EINE MISCHUNG AUS MONO- UND POLYLACTYLALKYLLACTATEN

Title (fr)
COMPOSITION COMPRENANT UN MELANGE DE MONO- ET POLYLACTYLLACTATE D'ALKYLE

Publication
EP 1497405 A1 20050119 (FR)

Application
EP 03725293 A 20030317

Priority
• FR 0300843 W 20030317
• FR 0204591 A 20020412

Abstract (en)
[origin: US2005215453A1] The present invention relates to an oligomeric composition of lactic acid ester comprising a mixture of monoalkyl and polyalkyl lactyllactates which are useful alone or in combination with other solvents for cleaning and degreasing. The lactyllactates have a high flash point, low toxicity, low odor and do not release volatile organic compounds in use.

IPC 1-7
C11D 7/50; C23G 5/032; C11D 7/26

IPC 8 full level
B08B 3/08 (2006.01); **C11D 7/26** (2006.01); **C11D 7/50** (2006.01); **C23G 5/032** (2006.01)

CPC (source: EP US)
C11D 7/5022 (2013.01 - EP US); **C23G 5/032** (2013.01 - EP US)

Citation (search report)
See references of WO 03087284A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2005215453 A1 20050929; AT E341609 T1 20061015; AU 2003227839 A1 20031027; DE 60308854 D1 20061116;
DE 60308854 T2 20070830; EP 1497405 A1 20050119; EP 1497405 B1 20061004; ES 2274230 T3 20070516; FR 2838435 A1 20031017;
FR 2838435 B1 20040618; JP 2005522570 A 20050728; WO 03087284 A1 20031023

DOCDB simple family (application)
US 51092905 A 20050516; AT 03725293 T 20030317; AU 2003227839 A 20030317; DE 60308854 T 20030317; EP 03725293 A 20030317;
ES 03725293 T 20030317; FR 0204591 A 20020412; FR 0300843 W 20030317; JP 2003584228 A 20030317