

Title (en)
THERMALLY STABLE TEXTILE SMOOTHING AGENTS

Title (de)
THERMOSTABILE TEXTILE GLÄTTEMITTEL

Title (fr)
AGENTS LISSANTS TEXTILES THERMOSTABLES

Publication
EP 0765414 B1 19990203 (DE)

Application
EP 95921839 A 19950607

Priority
• EP 9502190 W 19950607
• US 26085494 A 19940616

Abstract (en)
[origin: WO9534709A1] Described are thermally stable textile smoothing agents suitable for use in spinning preparations and based on polyol fatty acid ester. Incorporated in the smoothing agents to increase the thermal stability is 0.05 to 8 % by wt., relative to the amount of polyol fatty acid ester, of esters of thiocarboxylic acids of the general formula (I): $R<1>-S-R<2>-COOH$; and/or (II): $HOOC-R<3>-S-R<4>-COOH$, in which $R<1>$ is a monovalent group and $R<2>$, $R<3>$ and $R<4>$ the same or different bivalent groups selected from alkane, cycloalkane, aromatic or alkyl aromatic with 1 to 22 C-atoms. Such smoothing agents exhibits excellent thermal stability.

IPC 1-7
D06M 13/224; **D06M 13/252**

IPC 8 full level
C10M 135/20 (2006.01); **D06M 13/224** (2006.01); **D06M 13/248** (2006.01); **D06M 13/252** (2006.01)

CPC (source: EP US)
D06M 7/00 (2013.01 - EP US); **D06M 13/224** (2013.01 - EP US); **D06M 13/252** (2013.01 - EP US); **D06M 2200/40** (2013.01 - EP US)

Designated contracting state (EPC)
CH DE ES FR GB IT LI NL

DOCDB simple family (publication)
WO 9534709 A1 19951221; DE 59505043 D1 19990318; EP 0765414 A1 19970402; EP 0765414 B1 19990203; ES 2128737 T3 19990516; US 5478485 A 19951226

DOCDB simple family (application)
EP 9502190 W 19950607; DE 59505043 T 19950607; EP 95921839 A 19950607; ES 95921839 T 19950607; US 26085494 A 19940616