

Title (en)
WATERFREE COMPOSITION FOR LUBRICATING SEWING YARNS

Publication
EP 0340575 B1 19920708 (DE)

Application
EP 89107311 A 19890422

Priority
DE 3815231 A 19880505

Abstract (en)
[origin: EP0340575A1] Water-free formulation for finishing sewing threads with a content of organopolysiloxanes, which consists of 65 to 99% by weight of a dimethylpolysiloxane having a viscosity of 50 to 10,000 mm²/s at 25 DEG C and a hydroxyl content of 0.3 to 1.5% by weight and 1 to 30% by weight of a fatty acid or of a fatty amine having on average 8 to 18 carbon atoms and, if required, 0 to 5% by weight of customary additives. The formulations are simple to prepare, have an unlimited shelf life and also have a viscosity which is constant over a relatively long storage time. The formulations impart reduced thread tension, a smaller degree of thread breaking and improved stick-slip properties to sewing threads.

IPC 1-7
C10M 107/50; **C10M 129/40**; **C10M 133/06**; **D06M 13/184**; **D06M 13/325**; **D06M 15/643**

IPC 8 full level
C10M 107/50 (2006.01); **C10M 111/04** (2006.01); **C10M 129/40** (2006.01); **C10M 133/06** (2006.01); **D06M 13/184** (2006.01); **D06M 13/224** (2006.01); **D06M 13/322** (2006.01); **D06M 13/325** (2006.01); **D06M 15/643** (2006.01)

CPC (source: EP US)
D06M 7/00 (2013.01 - EP US); **D06M 13/184** (2013.01 - EP US); **D06M 13/325** (2013.01 - EP US); **D06M 15/6436** (2013.01 - EP US); **D06M 2200/40** (2013.01 - EP US); **Y10T 428/2962** (2015.01 - EP US)

Cited by
DE4133358A1; US5310783A

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

DOCDB simple family (publication)
DE 3815231 C1 19890622; DE 58901798 D1 19920813; EP 0340575 A1 19891108; EP 0340575 B1 19920708; ES 2034467 T3 19930401; US 4990267 A 19910205

DOCDB simple family (application)
DE 3815231 A 19880505; DE 58901798 T 19890422; EP 89107311 A 19890422; ES 89107311 T 19890422; US 33971689 A 19890418