

Title (en)
Forging lubricant composition and process.

Title (de)
Schmiedeschmiermittel und Verfahren.

Title (fr)
Composition lubrifiante de forgeage et procédé.

Publication
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Application
EP 94301993 A 19940321

Priority
US 3614793 A 19930323

Abstract (en)
A novel forging lubricant composition containing: suspended polypropylene having an average molecular weight between about 500 and about 300,000, an emulsifying agent to assist in maintaining materials of the composition in emulsified form, a thickening agent to assist in maintaining the composition at a suitable viscosity, a preservative agent, other additives, and the balance of a liquid carrier medium.

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C10M 173/02

IPC 8 full level
C10M 173/02 (2006.01); **C10M 173/00** (2006.01); **C10N 30/02** (2006.01); **C10N 30/06** (2006.01); **C10N 40/24** (2006.01)

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• [X] WO 9216603 A1 19921001 - HENKEL CORP [US]
• [X] FR 1548319 A 19681206
• [A] US 3501404 A 19700317 - KLAIBER MORTON H, et al
• [A] GB 2257712 A 19930120 - HANANO CORP [JP]
• [PA] EP 0585128 A1 19940302 - ACHESON IND INC [US]

Cited by
EP1273847A1; CN111286398A; CN102597362A; EP2728064A1; KR100643781B1; CN114317091A; US6815400B2; WO2011060238A1; US9932706B2; US10301771B2; US10023994B2; US10774467B2

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