

Title (en)

LUBRICANT FOR THE MANUFACTURE OF SYNTHETIC YARNS AND FILAMENTS

Publication

EP 0303066 A3 19901107 (DE)

Application

EP 88111390 A 19880715

Priority

DE 3724522 A 19870724

Abstract (en)

[origin: EP0303066A2] The invention relates to lubricants which contain at least one, or mixtures of, epoxidised fats and oils, in which one ring and/or several rings have been opened, fatty esters, alcohols and olefins and mixtures thereof. The invention also relates to the use of the lubricants according to the invention as fibre assistants in preparations for the production of manmade filaments and fibres.

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR)

C10M 105/08 (2013.01 - KR); **D06M 7/00** (2013.01 - EP); **D06M 13/11** (2013.01 - EP); **D06M 13/144** (2013.01 - EP); **D06M 13/165** (2013.01 - EP); **D06M 13/188** (2013.01 - EP); **D06M 13/21** (2013.01 - EP); **D06M 2200/40** (2013.01 - EP)

Citation (search report)

- [AD] EP 0054953 A1 19820630 - UNION CARBIDE CORP [US]
- [AD] DE 2556142 A1 19761216 - EASTMAN KODAK CO
- [A] US 2774774 A 19561218 - GREENSPAN FRANK P, et al
- [A] DD 150913 A1 19810923 - PESCHEL JUERGEN, et al
- [A] US 4199647 A 19800422 - LOGIN ROBERT B [US], et al

Cited by

DE4228594A1; WO9323450A1

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