

Title (en)  
SOLVENT FOR THE DYE OF PRESSURE-SENSITIVE RECORDING PAPER

Publication  
**EP 0171039 A3 19870513 (EN)**

Application  
**EP 85109696 A 19850802**

Priority  
JP 16453384 A 19840806

Abstract (en)  
[origin: EP0171039A2] A solvent for the dye of pressure-sensitive recording paper which solvent has no offensive odor and is excellent regarding the color developing rate and developed color density. The solvent is characterized in that it comprises a fraction mainly containing triaryldialkanes having boiling points above 350 DEG C but not higher than 450 DEG C which is prepared by disproportionating diarylalkane or a hydrocarbon mixture comprising the same at temperatures in the range of 20 to 500 DEG C in the presence of a disproportionation catalyst, said diarylalkane having a boiling point in the range of 260 to 320 DEG C.

IPC 1-7  
**B41M 5/12; C07C 6/12**

IPC 8 full level  
**B41M 5/165** (2006.01)

CPC (source: EP)  
**B41M 5/1655** (2013.01)

Citation (search report)

- [A] US 4365103 A 19821221 - CHANG KUO Y, et al
- [A] FR 2507197 A1 19821210 - CAFFARO SPA IND CHIM [IT]
- [A] FR 2257432 A1 19750808 - NCR CO [US]
- [A] US 4130299 A 19781219 - WYGANT JAMES C
- [A] FR 2154207 A5 19730504 - WIGGINS TEAPE RES DEV [GB]
- [A] FR 2157587 A5 19730601 - MONSANTO CO
- [A] FR 2148237 A1 19730311 - KUREHA CHEMICAL IND CO LTD
- [AP] EP 0167900 A1 19860115 - NIPPON PETROCHEMICALS CO LTD [JP]
- [AP] EP 0166454 A2 19860102 - NIPPON PETROCHEMICALS CO LTD [JP]
- [X] PATENTS ABSTRACTS OF JAPAN, vol. 4, no. 114 (M-26)[596], 15th August 1980; & JP-A-55 71 589 (MITSUBISHI YUKA K.K.) 29-05-1980
- [XD] PATENTS ABSTRACTS OF JAPAN, vol. 6, no. 45 (M-118)[923], 20th March 1982; & JP-A-56 161 195 (MITSUBISHI YUKA K.K.) 11-12-1981
- [A] CHEMICAL ABSTRACTS, vol. 80, no. 19, 13th May 1974, page 463, abstract no. 114869x, Columbus, Ohio, US; & JP-A-48 086 612 (PILOT PEN CO., LTD) 15-11-1973
- [A] CHEMICAL ABSTRACTS, vol. 80, no. 19, 13th May 1974, page 463, abstract no. 114872t, Columbus, Ohio, US; & JP-A-48 086 614 (SUMINOTO CHEMICAL CO., LTD) 15-11-1973
- [A] DERWENT JAPANESE PATENTS REPORT, vol. 74, no. 9, 2nd April 1974, page 3, abstract no. 8289, Section G, Derwent Publications, London, GB; & JP-A-49 008 289 (KUREHA CHEMICAL IND. CO. LTD) 25-02-1974

Cited by  
EP0273752A3; EP0247816A3

Designated contracting state (EPC)  
BE DE FR GB IT

DOCDB simple family (publication)  
**EP 0171039 A2 19860212; EP 0171039 A3 19870513; EP 0171039 B1 19961211**; CA 1238187 A 19880621; DE 3588130 D1 19970123; DE 3588130 T2 19970703; ES 553588 A0 19880101; ES 8801152 A1 19880101; JP H0441664 B2 19920709; JP S6141593 A 19860227

DOCDB simple family (application)  
**EP 85109696 A 19850802**; CA 487874 A 19850731; DE 3588130 T 19850802; ES 553588 A 19860401; JP 16453384 A 19840806