

Title (en)

Alkylpolyol ethers as cosolvents for ink jet inks.

Title (de)

Alkylpolyoether als Co-Lösungsmittel für Tintenstrahl-Tinten.

Title (fr)

Utilisation d'éthers d'alkylpolyol comme cosolvants pour les encres d'impression par jet.

Publication

**EP 0603469 A1 19940629 (DE)**

Application

**EP 93114467 A 19930909**

Priority

US 99484092 A 19921222

Abstract (en)

An aqueous ink jet ink comprises an aqueous carrier medium, a colorant and at least one alkylpolyol ether cosolvent selected from the group of alkyl-bis-oxyalkyldiols, olefinic oxyalkyl diols, alkyl-tris-oxyalkyldiols and alkyl-tetrakis-oxyalkyldiols exhibit rapid drying, excellent image definition, are storage stable, have low odor and have excellent decap properties.

IPC 1-7

**C09D 11/00**

IPC 8 full level

**C09D 11/02** (2006.01); **C09D 11/00** (2006.01)

CPC (source: EP US)

**C09D 11/30** (2013.01 - EP US)

Citation (search report)

- [A] US 5169437 A 19921208 - YOU YOUNG S [US]
- [A] EP 0445734 A1 19910911 - CANON KK [JP]

Cited by

US5714538A; US5719204A; US5656071A; EP0781819A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**US 5268027 A 19931207**; EP 0603469 A1 19940629; JP H06220387 A 19940809

DOCDB simple family (application)

**US 99484092 A 19921222**; EP 93114467 A 19930909; JP 23767793 A 19930924