

Title (en)

Printing process using acetylenic compositions.

Title (de)

Aufzeichnungsverfahren, in dem Acetylenverbindungen verwendet werden.

Title (fr)

Procédé d'enregistrement utilisant des composés acétyléniques.

Publication

EP 0047918 A2 19820324 (EN)

Application

EP 81106856 A 19810902

Priority

US 18679880 A 19800912

Abstract (en)

Acetylenic compound having at least two conjugated triple bonds in the molecule and polymerizable in the crystalline solid state to produce coloration, but relatively stable in liquid form, and having substituents of the group consisting of urethane, hydroxy, carboxy, carboxylic acid, carboxylic ester, carbazoyl and sulfonate, are used as printing ink. Preferred compounds are diynes, especially urethanes, diols and arylsulfonates melting in the range 40-150 DEG C. They are employed as a melt at 40 DEG -200 DEG C adhering to the printing surface, whence they are transferred by contact to a substrate; and developed by cooling and exposure to a source of thermal or radiation energy.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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