

Title (en)

Fountain solution composition for lithographic printing plate

Title (de)

Feuchtigkeitslösungszusammensetzung für Flachdruckplatte

Title (fr)

Composition de solution de mouillage pour plaque d'impression lithographique

Publication

EP 1080943 A1 20010307 (EN)

Application

EP 00118277 A 20000905

Priority

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Abstract (en)

Fountain solution compositions for lithographic printing plate which can be favorably and safely used in a working environment as a substitute for isopropyl alcohol, show low dynamic surface tension, exert good and stable printability even in case where printing units rotate at a high speed, and show good printability for various inks, thereby giving printed matters with high qualities. The fountain solution composition for lithographic printing plate comprises at least one compound represented by the following formula (I) and at least one compound represented by the following formula (II): $R<1>O-(-CH_2CH(CH_3)-O)_m-H$ wherein $R<1>$ represents a linear or branched alkyl group having 4 carbon atoms, and m is an integer of 1 to 3; $OH-(-CH_2CH(CH_3)-O)_n-H$ wherein n is an integer of 1 to 5.

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CPC (source: EP)

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Citation (search report)

- [X] US 5338344 A 19940816 - BONDURANT LOUIS E [US]
- [X] DE 19623813 A1 19961219 - FUJI PHOTO FILM CO LTD [JP]
- [X] DE 19535364 A1 19960418 - FUJI PHOTO FILM CO LTD [JP]

Cited by

EP1648830A4; CN113334958A; CN103935150A; FR2928518A1; CN106183521A; CN103660668A; CN104085218A; CN104085219A; US7514009B2; WO2004014662A1; US7381259B2; US7114443B2; US7196047B2; JP2007537027A

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