

Title (en)

Ink-jet recording medium containing a vanadyl salt

Title (de)

Tintenstrahlaufzeichnungsmaterial, das ein Vanadiumsalz enthält

Title (fr)

Matériau d'enregistrement par jet d'encre contenant un sel du vanadium

Publication

**EP 0704316 B1 19980422 (EN)**

Application

**EP 95420268 A 19950925**

Priority

US 31580894 A 19940930

Abstract (en)

[origin: EP0704316A1] A recording medium for ink-jet printing which comprises a transparent or an opaque support having on at least one surface thereof an ink-receptive layer that can be imaged by the application of liquid ink droplets applied thereto which comprises at least one ink-absorbent polymer or resin and from 0.001 to 5.0 percent by weight, based on the total weight of the ink-receptive layer, of a vanadyl salt of the formula:  $n\text{V}=\text{O}\text{Ü}^{<+><2>}\text{mX}^{<->\text{a}>}$  wherein X is an acid anion, a is 1, 2 or 3 and n and m satisfy the relationship  $2n = am$ . The ink-receptive layer substantially reduces or prevents images formed thereon with inks containing triarylmethane dyes from fading and/or distorting.

IPC 1-7

**B41M 5/00**

IPC 8 full level

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CPC (source: EP)

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Cited by

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