

Title (en)

Metal printing screen for flat screen printing.

Title (de)

Metalldrucksieb für Siebdruckverfahren mit flachen Siebdruckformen.

Title (fr)

Plaque d'impression sérigraphique en métal pour impression avec écran plat.

Publication

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Application

**EP 80304067 A 19801113**

Priority

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- IE 219479 A 19791115

Abstract (en)

The invention relates to a metal printing screen for flat screen printing, a method and former for manufacturing the printing screen. The printing screen overcomes the problem of poor registration associated with existing printing screens and the problem of adequately tensioning metal printing screens onto a forme frame. Essentially the printing screen (2) comprise a printing portion (9) and an outer peripheral mounting portion provided by upstanding side mounting members (11) adapted to engage a forme frame (1). The printing portion (9) and the side mounting members (11) are simultaneously formed by electrolytic deposition of nickel onto a former (15), on which is provided a negative (18) of the printing screen (2). The printing portion (9) and the mounting members (11) are formed on a forming face (16) and on corresponding side faces (17), respectively, of the former.

IPC 1-7

**B41C 1/14**

IPC 8 full level

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CPC (source: EP)

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Cited by

GB2291624A; CN110228280A; GB2294905A; US6119592A; CN1055819C; GB2419357A; CN101107125A; GB2419357B; WO2006043049A1; WO9325061A1; US8490545B2; US8904929B2; US9623650B2; US10081211B2; EP2347901B2

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