

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

EP 0029348 A2 19810527 (EN)

Application

EP 80304067 A 19801113

Priority

- IE 156880 A 19800728
- 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

B41C 1/14 (2006.01); **B41F 15/36** (2006.01)

CPC (source: EP)

B41C 1/142 (2013.01); **B41F 15/36** (2013.01)

Cited by

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

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0029348 A2 19810527; **EP 0029348 A3 19820120**; **EP 0029348 B1 19841212**; DE 3069809 D1 19850124; IE 50691 B1 19860625; IE 792194 L 19810515

DOCDB simple family (application)

EP 80304067 A 19801113; DE 3069809 T 19801113; IE 219479 A 19791115