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(71) Applicant: **INSTITUTE FOR INDUSTRIAL RESEARCH
AND STANDARDS**
Ballymun Road
Ballymun, Dublin 9(IE)

(72) Inventor: **Davies, Peter**
Barringer Baltyboys
Blessington Co. Wicklow(IE)

(74) Representative: **Coulson, Antony John et al,**
ABEL & IMRAY, Northumberland House 303-306 High
Holborn
London, WC1V 7LH(GB)

(54) **Metal printing screen for flat screen printing.**

(57) 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) comprises 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.

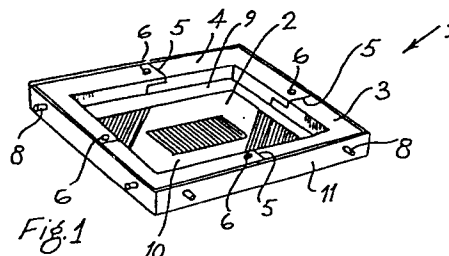


Fig. 1



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	<u>US - A - 2 024 087 (BALLARD)</u> * Page 1, right-hand column, line 39 - page 2, right-hand column, line 59; claims *	1,7	B 41 C 1/14 B 41 F 15/36
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	<u>US - A - 3 482 300 (REINKE)</u> * Column 3, lines 3-43; claims *	1	
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	<u>US - A - 3 862 018 (MENTONE)</u> * Claims *	1	TECHNICAL FIELDS SEARCHED (Int. Cl. ³) B 41 C 1/14 B 41 F 15/36
	-----		CATEGORY OF CITED DOCUMENTS X: particularly relevant A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: conflicting application D: document cited in the application L: citation for other reasons
<input checked="" type="checkbox"/> The present search report has been drawn up for all claims			&: member of the same patent family. corresponding document
Place of search The Hague		Date of completion of the search 21-10-1981	Examiner AMAND