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(54) **Mesh fabric for screen printing, process for preparing the same, gauze spanning method thereof and photosensitive film for screen printing plate by use thereof.**

(57) There are presented a mesh fabric for screen printing, which is a mesh fabric obtained by use of core-sheath composite filaments in which a component with lower melting point than the core is employed, characterized in that warp and weft threads are adhered to each other at the intersecting points of warp and weft threads by melting of the sheath component after fabrication to cover its surface integrally with the sheath components of the warp and weft threads, whereby the intersecting points of warp and weft threads are integrated on the surface with the warp and weft threads, a process for preparing a mesh fabric for screen printing and a photosensitive film for screen printing plate.

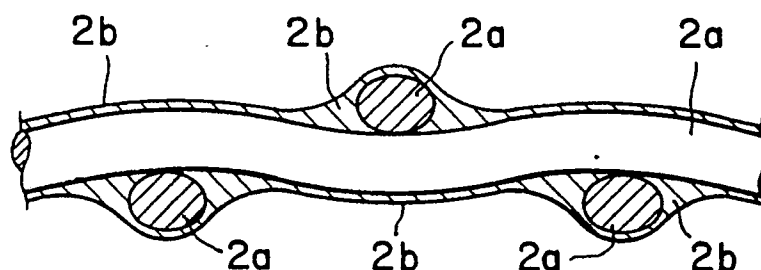


FIG. 2

EP 0 439 960 A3



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EUROPEAN SEARCH REPORT

Application Number

DOCUMENTS CONSIDERED TO BE RELEVANT			EP 90314305.5
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	EP - A1 - 0 030 774 (STORK SCREENS B.V.) * Fig. 1A-6; claims 1-10 *	1, 2, 4, 5, 6, 7	B 41 F 15/36
A	DE - A - 2 213 341 (BUCKBEE-MEARS CO.) * Fig. 1-8; claims 1-4 *	1, 2	
A	DE - A - 2 303 535 (HARDING, DONALD EDWARD) * Fig. 1-7; claims 1-30 *	1, 3, 7, 8, 12, 13	
A	EP - A2/A3 - 0 220 121 (SHIN-ETSU CHEMICAL CO. LTD.) * Claims 1-3 *	1, 2, 3, 7, 10- 12	
A	DE - A1 - 3 441 593 (FERD. RÜESCH AG) * Fig. 1-7; claims 1-23 *	1, 2, 7, 10-13	
A	DE - C3 - 2 532 074 (SIEMENS AG) * Fig. 1-7; claims 1-5 *	1, 3, 7, 10-12	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
A	US - A - 4 144 371 (OKIE et al.) * Column 2, lines 9-68; column 3, lines 1-7 *	1-3, 7	B 41 F D 03 D.
A	US - A - 4 587 997 (BROOKS) * Fig. 1-3; claims 1-12 *	1-3	
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 29-05-1991	Examiner CZASTKA
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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