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(54) Printing heads for use in ink jet printing and method for producing the same.

(57) A printing head (10) for use in ink jet printing comprising an ink-jetting nozzle and an ink channel (16) connected to the ink-jetting nozzle (19), at least a part of the ink channel (16) comprising an activation-energy-ray-hardening resin is disclosed. The resin in the printing head has a certain hardened state. The printing head (10) has improved resistance to ink compositions containing acetylene glycol which sometimes damage the conventional printing heads comprising an activation-energy-ray-hardening resin.

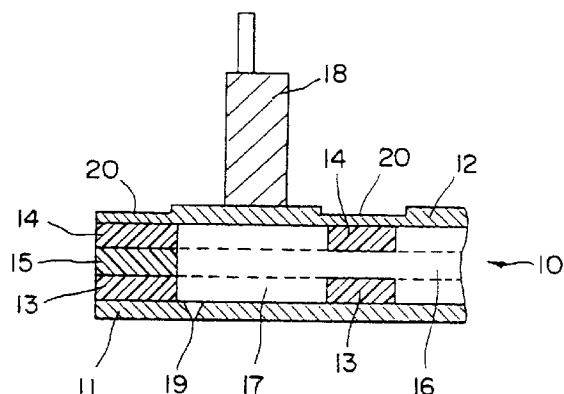


FIG. 1



European Patent
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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
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D,A	US-A-4 417 251 (SUGITANI HIROSHI) 22 November 1983 * the whole document *	1-13	
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A	GB-A-2 171 107 (NAPP SYSTEMS INC) 20 August 1986 * abstract *	2,8	
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			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			B41J
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 5 September 1995	Examiner Joosting, T
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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