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(72) Inventor: **Kashiwazaki, Akio**
Ohta-ku, Tokyo (JP)

(74) Representative: **Weser, Wolfgang, Dr. Dipl.-Phys.**
Weser & Kollegen, Patentanwälte,
Radeckestrasse 43
81245 München (DE)

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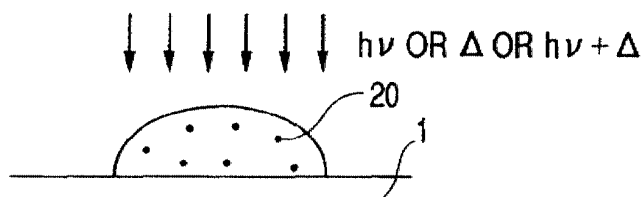
(71) Applicant: **CANON KABUSHIKI KAISHA**
Tokyo (JP)

(54) **Colour filter for a liquid crystal panel and process for producing it**

(57) A process for producing a color filter which comprises a step of arranging a light-transmitting colored part on a surface of a base plate (1) by applying an ink onto the base plate by an ink-jet system, where the ink comprises water, an aqueous organic solvent and a

coloring material, and the coloring material contains a self-dispersing pigment (20) having at least one species of hydrophilic group bonded directly or through a linker group to a surface thereof, a color filter obtained by the process, and a liquid crystal panel containing the color filter.

FIG. 2B





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Office

EUROPEAN SEARCH REPORT

Application Number
EP 00 11 5660

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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G02F G03F
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 4 October 2001	Examiner Lerbinger, K
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 00 11 5660

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04-10-2001

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专利名称(译)	用于液晶面板的滤色器及其制造方法		
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[标]申请(专利权)人(译)	佳能株式会社		
申请(专利权)人(译)	佳能株式会社		
当前申请(专利权)人(译)	佳能株式会社		
[标]发明人	KASHIWAZAKI AKIO		
发明人	KASHIWAZAKI, AKIO		
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外部链接	Espacenet		

摘要(译)

一种滤色器的制造方法，包括通过喷墨系统将油墨施加到基板上而在基板的表面上设置透光的着色部分的步骤，其中油墨包括水，水性有机溶剂和着色材料，并且所述着色材料包含具有至少一种直接或通过连接基团键合到其表面的亲水基团的自分散颜料（20），通过所述方法获得的滤色器，和包含滤色器的液晶面板。

