



(12) **CORRECTED EUROPEAN PATENT APPLICATION**

published in accordance with Art. 158(3) EPC

Note: Bibliography reflects the latest situation

(15) Correction information:

Corrected version no 1 (W1 A1)
INID code(s) 72

(51) Int Cl.:

G02F 1/1339^(2006.01)

(48) Corrigendum issued on:

23.08.2006 Bulletin 2006/34

(86) International application number:

PCT/JP2004/015232

(43) Date of publication:

28.06.2006 Bulletin 2006/26

(87) International publication number:

WO 2005/038519 (28.04.2005 Gazette 2005/17)

(21) Application number: **04792449.3**

(22) Date of filing: **15.10.2004**

(84) Designated Contracting States:

DE FR GB

(30) Priority: **17.10.2003 JP 2003357529**

30.06.2004 JP 2004192772

25.08.2004 JP 2004244571

(71) Applicants:

- **NIPPON KAYAKU KABUSHIKI KAISHA**
Tokyo 102-8172 (JP)
- **SHARP KABUSHIKI KAISHA**
Osaka-shi, Osaka 545-8522 (JP)

- **AKATUKA, Yasumasa**
Saitama-shi, Saitama 3360964 (JP)
- **HIRANO, Masahiro**
Ageo-shi, Saitama 3620001 (JP)
- **OKAZAKI, Tsuyoshi**
Nara-shi, Nara 6310016 (JP)
- **MATSUMOTO, Toshihiro**
Nara-shi, Nara 6308123 (JP)
- **WAKA, Nobuhiro**
Matsusaka-shi, Mie 5150046 (JP)
- **NISHIWAKI, Shogo**
Matsusaka-shi, Mie 5150016 (JP)

(72) Inventors:

- **SAKANO, Tsunetoshi**
Kawasaki-shi, Kanagawa 2160004 (JP)
- **HAYASIBARA, Syouchi**
Saitama-shi, Saitama 3380002 (JP)

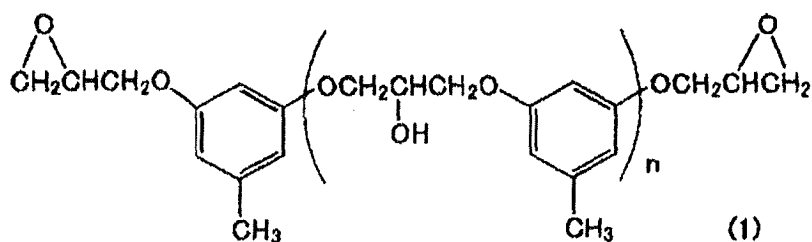
(74) Representative: **Gille Hrabal Struck Neidlein Prop**

Roos
Brucknerstrasse 20
40593 Düsseldorf (DE)

(54) **SEALANT FOR LIQUID CRYSTAL, LIQUID-CRYSTAL DISPLAY MADE WITH THE SAME, AND PROCESS FOR PRODUCING THE DISPLAY**

(57) A liquid crystal sealant comprising an epoxy resin represented by the following formula (1):

[Formula 1]



EP 1 674 919 A8

(in the formula, n denotes an average polymerization degree and is a positive number of 0-5) as a resin component, a curing agent, a curing accelerator and an inorganic filler is excellent in screen printability as a liquid crystal sealant in making a liquid crystal display device and can provide excellent reliability in moisture resistance for the liquid crystal display device obtained).

专利名称(译)	用于液晶的密封剂，用其制造的液晶显示器，以及用于制造显示器的方法		
公开(公告)号	EP1674919A8	公开(公告)日	2006-08-23
申请号	EP2004792449	申请日	2004-10-15
[标]申请(专利权)人(译)	日本化药有限公司 夏普株式会社		
申请(专利权)人(译)	日本化药株式会社 夏普株式会社		
当前申请(专利权)人(译)	日本化药株式会社 夏普株式会社		
[标]发明人	SAKANO TSUNETOSHI HAYASIBARA SYOUICHI AKATUKA YASUMASA HIRANO MASAHIRO OKAZAKI TSUYOSHI MATSUMOTO TOSHIHIRO WAKA NOBUHIRO NISHIWAKI SHOGO		
发明人	SAKANO, TSUNETOSHI HAYASIBARA, SYOUICHI AKATUKA, YASUMASA HIRANO, MASAHIRO OKAZAKI, TSUYOSHI MATSUMOTO, TOSHIHIRO WAKA, NOBUHIRO NISHIWAKI, SHOGO		
IPC分类号	G02F1/1339 C08G59/24 C09K19/54 G02F1/1345		
CPC分类号	G02F1/1339 C08G59/245 Y10T428/10 Y10T428/1059 Y10T428/1064 Y10T428/1068 Y10T428/1073		
代理机构(译)	GILLE HRABAL STRUCK NEIDLEIN PROP ROOS		
优先权	2003357529 2003-10-17 JP 2004192772 2004-06-30 JP 2004244571 2004-08-25 JP		
其他公开文献	EP1674919A1		
外部链接	Espacenet		

摘要(译)

一种液晶密封剂，其包含由下式(1)表示的环氧树脂:(在该式中，n表示平均聚合度并且为0-5的正数)作为树脂组分，固化剂，固化促进剂无机填料作为液晶密封剂在制造液晶显示装置时的丝网印刷性优异，并且能够为所得液晶显示装置提供优异的耐湿可靠性。

