

Title (en)  
POLYIMIDE LCD ALIGNMENT LAYERS

Title (de)  
POLYIMID-LCD-ORIENTIERUNGSSCHICHTEN

Title (fr)  
COUCHES DE POLYIMIDE D'ALIGNEMENT POUR AFFICHAGE A CRISTAUX LIQUIDES

Publication  
**EP 1366107 A4 20040512 (EN)**

Application  
**EP 02704053 A 20020102**

Priority  
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• US 25923501 P 20010102

Abstract (en)  
[origin: WO02054140A2] A polyimide comprises a reaction product of at least one dianhydride and at least one diamine, wherein the at least one diamine contains a pendent mesogenic group. A method for inducing a predetermined orientation of a liquid crystal material is also disclosed. The method includes applying an alignment layer material to a substrate and buffing the alignment layer material, thereby providing an alignment layer with a pre-tilt angle, wherein the alignment layer material is a reaction product of at least one dianhydride and at least one diamine, wherein the at least one diamine contains a pendent mesogenic group.

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CPC (source: EP)  
**C08G 73/10** (2013.01); **G02F 1/133723** (2013.01)

Citation (search report)  
• [X] US 5693379 A 19971202 - SUGIMORI SHIGERU [JP], et al  
• [X] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 09 30 September 1996 (1996-09-30)  
• See references of WO 02054140A2

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