

Title (en)  
Planographic printing original plate and method of plate-making a planographic printing plate

Title (de)  
Flachdruck- Originalplatte und Verfahren zur deren Herstellung

Title (fr)  
Plaque d'impression planographique et son procédé de fabrication

Publication  
**EP 1120246 A2 20010801 (EN)**

Application  
**EP 01101643 A 20010126**

Priority  
JP 2000018379 A 20000127

Abstract (en)  
A positive type planographic printing original plate which enables direct plate-making using a solid or semiconductor laser emitting infrared rays by recording an image from digital data of computers, is highly sensitive to an infrared laser and has stability to developing treatment, and a method of plate-making a positive type planographic printing plate which is resistant to occurrence of flaw inferences. The planographic printing original plate includes a first layer which contains a polymer that is insoluble in water and soluble in alkaline water, and a second layer which contains an infrared radiation absorber and a binder, which is not penetrative into an alkali developing solution containing an organic compound having a buffering effect and a base as principal components, and which is increased in solubility in an alkali developing solution by action of one of light and heat. The layers are sequentially provided on a support.

IPC 1-7  
**B41C 1/10**

IPC 8 full level  
**G03F 7/11** (2006.01); **B41C 1/055** (2006.01); **B41C 1/10** (2006.01); **B41N 1/14** (2006.01); **G03F 7/00** (2006.01); **G03F 7/32** (2006.01)

CPC (source: EP)  
**B41C 1/1033** (2013.01); **B41N 1/14** (2013.01)

Cited by  
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Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1120246 A2 20010801**; **EP 1120246 A3 20010816**; **EP 1120246 B1 20061227**; **EP 1120246 B2 20160907**; AT E349319 T1 20070115; DE 60125432 D1 20070208; DE 60125432 T2 20071011; DE 60125432 T3 20170112; JP 2001209172 A 20010803

DOCDB simple family (application)  
**EP 01101643 A 20010126**; AT 01101643 T 20010126; DE 60125432 T 20010126; JP 2000018379 A 20000127