

Title (en)  
METHOD FOR PRODUCING FLEXOGRAPHIC PRINTING PLATES BY MEANS OF LASER ENGRAVING

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON FLEXODRUCKPLATTEN MITTELS LASERGRAVUR

Title (fr)  
PROCEDE POUR PRODUIRE DES PLAQUES D'IMPRESSION FLEXOGRAPHIQUE PAR GRAVURE AU LASER

Publication  
**EP 1315617 B1 20031217 (DE)**

Application  
**EP 02722235 A 20020316**

Priority  
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Abstract (en)  
[origin: DE10113926A1] The invention relates to a method for producing flexographic printing forms by engraving a printing relief on a flexographic printing element that can be laser engraved, said element having a photochemically cross-linked relief layer. The relief layer is transparent and comprises oxidic, siliceous or zeolitic solid matter with a particle size of between 1 and 400 nm in a quantity of between 0.1 and 8 wt. % in relation to the quantity of all components in the relief layer.  
[origin: DE10113926A1] The finely-divided filler in a layer used in laser engraving for manufacture of a flexographic printing element is an oxide, silicate or zeolitic solid of particle size 1-40nm at 0.1-8 wt.% and the relief layer is transparent. The process comprising conventional laser engraving on a layer which is fully crosslinked by actinic light and which comprises an elastomer binder, polymerizable compound, initiator (system) and finely-divided filler on a 3-D support.

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