

Title (en)

METHOD AND SYSTEM FOR APPLYING A VISIBLE IDENTIFICATION TO TRANSPARENT SUBSTRATES

Title (de)

VERFAHREN UND ANORDNUNG ZUM AUFBRINGEN EINER SICHTBAREN KENNZEICHNUNG AUF TRANSPARENTE SUBSTRATE

Title (fr)

PROCEDE ET ENSEMBLE POUR APPLIQUER UNE MARQUE VISIBLE SUR DES SUBSTRATS TRANSPARENTS

Publication

**EP 1888343 A2 20080220 (DE)**

Application

**EP 06753168 A 20060504**

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Abstract (en)

[origin: WO2006119733A2] The invention relates to a method and a system for applying a visible identification to transparent substrates, whereby the substrate is subjected to light radiation and micro-engravings on the spectacle lens are optically detected and the coordinates thereof are determined and a pattern from a print material is applied to the surface of the transparent substrate relative to the position of the micro-engraving. The aim of the invention is to increase the flexibility of printing of transparent substrates and to reduce the technological complexity. For this purpose, the pattern is applied by means of an ink jet method from an ethanol-containing ink as the print material and the transparent substrate is heated and/or the light radiation is carried out in a wavelength range outside of the transmission range of the substrate, i.e. in a range in which the substrate no longer appears transparent.

IPC 8 full level

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Citation (search report)

See references of WO 2006119733A2

Citation (examination)

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