

Title (en)
LASER MARKING PROCESS

Title (de)
VERFAHREN ZUR LASERBESCHRIFTUNG

Title (fr)
PROCEDE DE MARQUAGE AU LASER

Publication
EP 1560715 A2 20050810 (EN)

Application
EP 03783398 A 20031112

Priority
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Abstract (en)
[origin: WO2004045857A2] Thin, flexible plastic films, of the type used for the packaging of foodstuffs, may be printed using a laser marking technique by printing a layer or layers comprising a laser sensitive material and an ink so that heating of the laser sensitive material by absorption of laser radiation burns the ink selectively, so causing markings to appear. A further process for marking a flexible plastic material using a laser is disclosed, whereby to a surface of a substrate comprising said flexible plastic material a laser sensitive material which is or is associated with a material that generates gas on heating is applied, this is coated with a gas impermeable layer, then exposed to laser radiation such that raised markings appear on the exposed portions.

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Citation (search report)
See references of WO 2004045857A2

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