

Title (en)

RELIEF PRECURSOR HAVING LOW CUPPING AND FLUTING

Title (de)

RELIEFVORLÄUFER MIT GERINGEM CUPPING UND FLUTING

Title (fr)

PRÉCURSEUR EN RELIEF AVEC FAIBLE COURBURE TRANSVERSALE ET PLISSAGE

Publication

EP 3695275 A1 20200819 (DE)

Application

EP 18782978 A 20181005

Priority

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Abstract (en)

[origin: WO2019072701A1] The invention relates to a digitally imageable, photopolymerizable relief precursor, at least comprising, arranged one atop the other in the specified sequence, (A) a dimensionally stable carrier; (AH) optionally, an adhesion-promoting layer; (B) a relief-forming layer, at least containing a crosslinkable elastomer binding agent, a first ethylenically unsaturated monomer and a photoinitiator; (C) at least one intermediate layer, at least containing a first, non-radically crosslinkable elastic polymer; (D) a laser-ablatable mask layer, at least containing a second, non-radically crosslinkable elastic polymer, a UVA light-absorbing material and an IR light-absorbing material; and optionally (E) a detachable cover layer; characterized in that the layer (C) and, optionally, the layer (D) contain at least a second ethylenically unsaturated monomer.

IPC 8 full level

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CPC (source: EP US)

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