

Title (en)

METHOD FOR OBTAINING A SUBSTRATE COATED WITH A FUNCTIONAL LAYER BY USING A SACRIFICIAL LAYER

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES SUBSTRATS MIT EINER FUNKTIONELLEN SCHICHT UNTER VERWENDUNG EINER OPFERSCHICHT

Title (fr)

PROCÉDÉ D'OBTENTION D'UN SUBSTRAT REVÊTU D'UNE COUCHE FONCTIONNELLE À L'AIDE D'UNE COUCHE SACRIFICIELLE

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Application

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Abstract (en)

[origin: WO2015185848A1] The invention concerns a method for obtaining a material comprising a substrate coated on at least a part of at least one of the faces of same with at least one functional layer, said method comprising: -a step of depositing the or each functional layer, then -a step of depositing a sacrificial layer on said at least one functional layer, then -a step of heat treatment by means of radiation chosen from laser radiation or radiation from at least one flash lamp, said radiation having at least one treatment wavelength of between 200 and 2500nm, said sacrificial layer being in contact with the air during said heat treatment step, then -a step of eliminating the sacrificial layer by using a solvent, said sacrificial layer being a monolayer and being such that, before heat treatment, it absorbs at least a part of said radiation at said at least one treatment wavelength, and after heat treatment, it is likely to be eliminated by dissolution and/or dispersion in said solvent.

IPC 8 full level

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