

Title (en)
METHOD AND ARRANGEMENT FOR THE PRODUCTION OF A THIN LAYERED STRUCTURE

Title (de)
VERFAHREN UND ANORDNUNG ZUR HERSTELLUNG EINES DÜNNEN SCHICHTAUFBAUS

Title (fr)
PROCEDE ET DISPOSITIF DE PRODUCTION D'UNE STRUCTURE EN COUCHES MINCE

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Application
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Abstract (en)
[origin: US2003175412A1] Method of producing a thin laminated construction from a carrier in the form of a flexible, in particular quasi-endless band, with at least one functional coating that is firmly bonded to the carrier and has a thickness in particular of the same order of magnitude as the thickness of the carrier, with the steps: formation of an initial layer structure by applying an original coating material to the carrier over a large area, and irradiation of the carrier bearing the original coating material with electromagnetic radiation that has an effective component in the near-infrared region, to form the functional coating from the original coating material and simultaneously bond it to the carrier with the inclusion of drying and/or thermal cross-linking.

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