

Title (en)

APPARATUS AND METHOD FOR THE DRYING/CURING OF CHEMICAL PRODUCTS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM TROCKNEN/HÄRTEN VON CHEMISCHEN PRODUKTEN

Title (fr)

APPAREIL ET PROCÉDÉ POUR LE SÉCHAGE/DURCISSEMENT DE PRODUITS CHIMIQUES

Publication

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Application

EP 20714276 A 20200224

Priority

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Abstract (en)

[origin: WO2020174349A1] Apparatus (100) for the in transit photopolymerization/drying of a coating applied to mainly flat panels (10), wherein said panels (10) are conveyed by a belt conveyor (20) provided with an upper outward section (23) and a lower return section (24) inside a tunnel (26) inside which there is provided a controlled atmosphere having a composition different from natural earth atmosphere thanks to the controlled supplying of a desired gas, provided with at least a lamp (40) for the photopolymerization/drying of the coating applied to said panels (10), characterized in that said tunnel (26) is provided with a plurality of chambers (30) placed in series, each chamber (30) being provided with a sequence of portions provided with a variable lumen: a first portion (31) with a restricted lumen, a second portion (32) with a wider lumen, a third portion (33) with a restricted lumen, preferably identical to the first portion (31).

IPC 8 full level

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See references of WO 2020174349A1

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