

Process for the Production of Weather-Resistant Laminates for the Encapsulation of Solar Cell Systems

Abstract

The invention relates to a process for the production of weather-resistant laminates (1, 1') for the encapsulation of solar cell systems (7). The process according to the invention is thus characterized in that at least one weather-resistant plastic layer (2, 2') is applied on a carrier material (4, 4'). The coating process according to the invention shows the advantage that the relatively expensive starting products, which usually are used in the form of films, can be reduced in their thickness and in amounts thereof used. Owing to the controllable adjustment, according to the invention, of the layer thickness of the weather-resistant layer (2, 2'), a considerable number of applications of the laminates that are produced according to the invention, in particular in connection with the finished photovoltaic modules, are provided. These applications range from small energy units for emergency telephones or campers to large-area roof and façade systems and also large units and solar power plants.

(Fig. 1)