

Title (en)
DEVICE FOR HEATING A FUNCTIONAL LAYER

Title (de)
VORRICHTUNG ZUR ERWÄRMUNG EINER FUNKTIONSSCHICHT

Title (fr)
DISPOSITIF DE CHAUFFAGE D'UNE COUCHE FONCTIONNELLE

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Application
EP 15730728 A 20150612

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Abstract (en)
[origin: WO2016005145A1] The invention relates to a device for the heating a functional layer of a coating material, such as a surface coating or an edge strip, in particular for applying the coating material onto an area of a workpiece, comprising a microwave source, an applicator and a microwave channel for supplying the microwave radiation generated in the microwave source to the applicator, wherein a microwave field is generable in the applicator on account of the supplied microwave radiation, wherein the applicator has at least one material channel, which passes through the applicator and through which the coating material can be fed such that the functional layer of the coating material is heated in the microwave field within the applicator.

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