

Title (en)
APPARATUS FOR APPLYING PORTIONS OF A MELT MASS AND METHOD FOR GENERATING A FIXING REGION IN A LIGHTWEIGHT CONSTRUCTION ELEMENT

Title (de)
VORRICHTUNG ZUM APPLIZIEREN VON PORTIONEN EINER SCHMELZMASSE UND VERFAHREN ZUM ERZEUGEN EINES FIXIERBEREICHES IN EINEM LEICHTBAUELEMENT

Title (fr)
DISPOSITIF POUR L'APPLICATION DE PORTIONS D'UNE MASSE FONDUE ET PROCÉDÉ POUR LA GÉNÉRATION D'UNE ZONE DE FIXATION DANS UN ÉLÉMENT DE CONSTRUCTION LÉGER

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Abstract (en)
[origin: WO2020143913A1] The invention relates to an apparatus for applying portions of a melt mass. The apparatus comprises a tank for providing a melt mass, which tank has at least one outlet opening which can be regulated by a valve; an application head having an inlet opening and an application opening; a channel which is fluidically connected to the outlet opening of the tank and the inlet opening of the application head; a pressure source for conveying melt mass out of the tank through the outlet opening thereof, via the channel to the application opening of the application head; and a heating block. The tank is arranged on the heating block so as to be thermally coupled, and the channel extends, thermally coupled, through the heating block. The invention further relates to an application attachment for the apparatus, a tank for the apparatus, and a filler mixture for producing a melt mass. The invention furthermore relates to a method for generating a fixing region in a lightweight component and a lightweight component having a fixing region.

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