

Title (en)

DEVICE FOR WELDING A CYLINDRICAL BODY SUCH AS A TUBE TO A PLATELIKE BODY SUCH AS A HEAT DISSIPATION STRIP BY USING ACOUSTIC WAVES

Title (de)

VORRICHTUNG ZUM MITTELS SCHALLWELLEN VERSCHWEISSEN EINES ZYLINDERFÖRMIGEN KÖRPERS WIE ROHRES MIT EINEM PLATTENFÖRMIGEN KÖRPER WIE WÄRMEABLEITSTREIFEN

Title (fr)

DISPOSITIF DE SOUDAGE PAR ONDES ACOUSTIQUES D'UN CORPS CYLINDRIQUE COMME UN TUYAU POURVU D'UN CORPS EN FORME DE BANDES DISSIPATRICES DE CHALEUR

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Abstract (en)

[origin: WO2004058442A1] The invention relates to a device for welding a cylindrical body (1) such as a tube to a platelike element (2) such as a heat dissipation strip. The device comprises a rotatable sonotrode (3), which has a sonotrode head (4) and which generates acoustic oscillations. Said device is characterized in that, during welding, a relative translatory motion between the sonotrode head (4) and the body (1) ensues synchronously to a rotational motion of the sonotrode head (4).

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