

Title (en)
HAND WELDING UNIT

Title (de)
HANDSCHWEISSGERÄT

Title (fr)
APPAREIL DE SOUDAGE À MAIN

Publication
EP 2293922 A2 20110316 (DE)

Application
EP 09765453 A 20090618

Priority

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Abstract (en)
[origin: WO2009152817A2] The invention relates to a hand welding unit (100), in particular for producing a welded joint between synthetic materials that are to be attached to a wall (107), comprising at least one pressing element (104) and at least one electromagnetic radiation head (103), wherein a joint can be produced using a welding composition (102). The hand welding unit (100) can be used in particular for advantageously welding on synthetic materials, for example inliners, by means of a welding composition (102), only requiring a small amount of energy and plastifying of the inliner and the welding composition (102) taking place only over a limited region of the cross section. To make work easier, it is provided according to the invention that the advancement of the hand welding unit (100) takes place by means of the welding composition (102), which can be fed in by a driving means (101).

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See references of WO 2009152817A2

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JP H0248929 A 19900219 - NORITSU KENKYU CENTER CO

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