

Title (en)

METHOD OF CONSTRUCTION OF A WALL HEATING PANEL AND A WALL HEATING PANEL

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER WANDHEIZPLATTE UND WANDHEIZPLATTE

Title (fr)

PROCÉDÉ DE CONSTRUCTION D'UN PANNEAU CHAUFFANT MURAL, ET PANNEAU CHAUFFANT MURAL

Publication

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Application

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Abstract (en)

[origin: WO2016032351A1] The method of construction of a wall heating panel and a wall heating panel consists in constructing an aluminium multi-channel collector, preferably with one phase transition channel, connecting it inseparably with vertical aluminium heating elements, arranging the heating elements in the grooves of a dry wall construction board, preferably magnesium, and filling the space between the grooves and the heating elements with elastic compound, and then applying paper - aluminium foil laminate onto the whole surface of the board. A wall heating panel consists of an aluminium collector (1) with stub pipes (2), inside the collector there are horizontal parallel phase transition channels (3) and a water channel (4), the phase transition channel (3) is inseparably connected with the vertical aluminium heating elements (5) which are inserted into the grooves of the dry wall construction board (6), spaces between the grooves and the heating elements are filled with elastic compound (7) and sealed with paper - aluminium foil laminate (8), whereas the top part of the collector (1) adjoins the bottom surface of the board (6).

IPC 8 full level

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