

Title (en)
Insulated prefabricated wall with pin shaped anchors

Title (de)
Kerngedämmte Fertigteilwand mit Verbundnadeln

Title (fr)
Mur préfabriqué isolé avec épingles

Publication
EP 1712696 B1 20070411 (DE)

Application
EP 05016287 A 20050727

Priority
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Abstract (en)
[origin: US2009120026A1] The invention relates to a pre-fabricated wall piece (1) for the construction of buildings, comprising an inner wall (4) and an outer wall (3) made from concrete, connected to each other by means of reinforcements (2) and with a cavity (5) between both walls (3, 4) for subsequent filling with concrete. The inner side (6) of the outside wall (3) facing the inner wall (4) further comprises a thermal insulation layer (8) for reduction of the heat transfer between the walls (3, 4). The pre-fabricated wall piece is characterized in that the reinforcement (2) connecting the outer wall (3) and the inner wall (4) comprises U-shaped connector pins made from steel, retained by the web thereof in the outer wall (3), and a lattice-beam reinforcement (9) that projects into the cavity (5) from the inner side (7) of the inner wall (4) facing the outer wall (3). Said pre-fabricated wall piece (1) has the advantage that it has fewer heat bridges for a reduced heat transfer between the inner wall and the outer wall (4, 3) and that it is simple and economical to produce.

IPC 8 full level
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