

Abstract

ADDITIVE MANUFACTURING OF CONCRETE CONSTRUCTION ELEMENTS

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The invention relates to a method for obtaining a concrete construction element (1) by additive manufacturing, in which superposed mortar layers are successively deposited so as to form two wall surfaces (2, 4), opposite one another, so as to form a cavity (3), as well as a plurality of reinforcement
10 elements (21, 41, 22, 42) each extending from one of the wall surfaces (2, 4) toward the cavity (3), each reinforcement element (21, 41, 22, 42) being in contact with neither the wall surface (2, 4) opposite to that from which it extends, nor with a reinforcement element (21, 41, 22, 42) extending from the opposite wall surface (2, 4) to that from which it extends.

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Figure 2