Title (en)
MODULAR SYSTEM FOR PRECISE CONSTRUCTION OF WALLS

Title (de)
MODULARES SYSTEM FÜR PRÄZISEN WANDAUFBAU

Title (fr)
SYSTÈME MODULAIRE POUR CONSTRUCTION PRÉCISE

Publication
EP 2766536 B1 20160427 (EN)

Application
EP 12781270 A 20121010

Priority
• CZ 2011646 A 20111012
• CZ 2012000101 W 20121010

Abstract (en)
[origin: WO2013053340A2] Modular system for precise construction is designed for fast and precise building of both residential and industrial objects. It comprises a set consisting of blocks with a cuboid shape and identical height (b), specifically of the first basic block (3) with square-shaped base with the width (a), of the second basic block (5) with rectangular-shaped base with the length (a) and width (c) shorter than the length (a), of derived blocks (4,6), and of external connecting bars (2) and internal connecting bars (22). Each basic block (3,5) is along its full height (b) equipped in its side faces with minimum three external grooves (1), always one in one pair of the opposite block side faces, and one in one and/ or the other side face of the second pair of the opposite block side faces. Length of derived blocks (4,6) is determined minimum as the double the width (a). Derived blocks (4,6) are in the centre of their base and along their full height (b) equipped with one internal groove (11) and in the side faces with minimum two and minimum six external grooves (1), where in each shorter side face is maximum one external groove (1) and in the longer side faces are maximum two external grooves (1). External connecting bars (2) and internal connecting bars (22) are intended for a self-locking connection with the external grooves (1) and the internal grooves (11).

IPC 8 full level
E04B 2/02 (2006.01); **E04B 2/08** (2006.01)

CPC (source: EP)
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DOCDB simple family (publication)
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