

Title (en)
INTERLOCKING MODULAR BLOCK

Title (de)
INEINANDERGREIFENDER MODULARE BLOCK

Title (fr)
BLOC MODULAIRE À VERROUILLAGE

Publication
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Application
EP 20214418 A 20201216

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Abstract (en)
The present invention relates coupling block, which has a shape of a cuboid, with four lateral surfaces (7), bottom surface (14) and upper surface (2). The coupling block (1) has at least one cylindrical through aperture (5), surrounded by the material layer forming the tenon (4), which extends over the upper surface (2) of the block (1) and the mortise (11), which is located inside the block (1) from the bottom surface (14) of the block (1). The spring element (10) forming the mortise (11) is surrounded by the lower cylindrical groove (9). The spring element (10) forming the mortise (11) has two cutouts (12), the edges of which are parallel and oriented upwards in extent of the entire spring element (10) forming the mortise, in order to enable deformation of the mortise by the value a, when the tenon of another coupling block is in the mortise. Coupling blocks are intended for constructing three-dimensional models.

IPC 8 full level
A63H 33/08 (2006.01)

CPC (source: EP)
A63H 33/065 (2013.01); **A63H 33/086** (2013.01)

Citation (applicant)
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• WO 9015906 A1 19901227 - WABA SYSTEM AG [CH]

Citation (search report)
• [A] US 2010210173 A1 20100819 - MAGGIORE ALBERT P [US], et al
• [A] WO 2018027272 A1 20180215 - TRIMITI MOEBIUS DESIGN PTY LTD [AU]
• [A] US 6050873 A 20000418 - REISMAN RON [IL]
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