

Title (en)

Method for creating a building under an architectural monument

Title (de)

Verfahren zum Bau eines Gebäudes unter einem architektonischen Denkmal

Title (fr)

Méthode pour créer une construction sous un monument architectural

Publication

EP 2236677 A3 20130619 (EN)

Application

EP 10003429 A 20100330

Priority

EE U200900032 U 20090331

Abstract (en)

[origin: EP2236677A2] The given invention treats a method for creating a building under an architectural monument, consisting of the following stages: a rigid loadbearing structure 2, which is pre-tensioned, is created under the preserved building 1; temporary piles 5 are driven and cross-beams 3 are installed in structure 2; jacks 7 are installed between cross-beams 3 and temporary piles 5; around the underground part 8 of the preserved building 1 a loadbearing and waterproof structure 9 is created; under the underground part 8, between structure 9 and temporary piles a waterproof horizontal layer 11 is created; a recess is excavated, piles 12, on-pile foundation 13 and loadbearing framework 14 are built, temporary piles 5, jacks 7, cross-beams 3 are removed, whereas the temporary piles are removed down to the on-pile foundation; new ground structures 16 are built, using a transparent material for external borders 17 in order to display the authentically preserved building 1.

IPC 8 full level

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Citation (search report)

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Designated contracting state (EPC)

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