

Title (en)

Staircase with pre-fabricated concrete bearing wall

Title (de)

Treppe vom Typ Wendeltreppe mit vorgefertigter, tragender Wand aus Beton

Title (fr)

Escalier de type balancé à mur porteur préfabriqué en béton

Publication

EP 2363549 B1 20130724 (FR)

Application

EP 11305202 A 20110225

Priority

FR 1051595 A 20100305

Abstract (en)

[origin: EP2363549A1] The staircase has prefabricated convergent steps assembled at the level of a central load-bearing wall. Each step has an upper projection (6) that extends between a step deck and a riser part. The wall is constituted of superposition of prefabricated hollow concrete unit elements (2), where each unit element has a notch (5) formed within a side wall (4). The projection is supported at the level of the wall. The notch is shifted from one unit element to the adjacent unit element i.e. upper unit element. The wall receives two bearing reinforcement levels comprising metal bars (10).

IPC 8 full level

E04F 11/035 (2006.01); **E04F 11/116** (2006.01)

CPC (source: EP)

E04F 11/0223 (2013.01); **E04F 11/032** (2013.01); **E04F 11/116** (2013.01); **E04F 2011/0212** (2013.01)

Cited by

RU170633U1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2363549 A1 20110907; **EP 2363549 B1 20130724**; **EP 2363549 B9 20130911**; ES 2424814 T3 20131008; FR 2957103 A1 20110909; FR 2957103 B1 20120330

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