

Title (en)

Method for the design and construction of cantilever staircases

Title (de)

Verfahren zur Planung und zum Bau von freitragenden Treppen

Title (fr)

Méthode de conception et de fabrication d'escaliers en porte-à-faux

Publication

EP 1167651 B1 20070207 (DE)

Application

EP 01113239 A 20010531

Priority

DE 10031763 A 20000629

Abstract (en)

[origin: EP1167651A2] To plan and erect free-standing stairs, at least partially in a spiral, they are composed of prefabricated steps with prepared holes and screw bonding rods, the curved stair sections in a 4-6 step module are combined with straight stair modules. The dimensions of the stair components are calculated to give the required stair shape at the center, start and end of the modules. The steps, in standard sizes, are cut smoothly so that the bottom and top steps, and the following steps have an identical mirror image, so that when viewed in plan the assembled module is a cube with an inner corner cut round.

IPC 8 full level

E04F 11/035 (2006.01); **E04F 11/02** (2006.01); **E04F 11/116** (2006.01)

CPC (source: EP)

E04F 11/035 (2013.01); **E04F 11/116** (2013.01)

Cited by

CN100351477C; EP1988232A3

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EP 1167651 A2 20020102; **EP 1167651 A3 20021113**; **EP 1167651 B1 20070207**; **EP 1167651 B9 20070912**; AT E353387 T1 20070215; DE 50111998 D1 20070322

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