

Title (en)

Quarter-or half-spiral stairways

Title (de)

Viertel- und halbgewendelte Treppen

Title (fr)

Escaliers hélicoidaux à quart-ou demi-tour

Publication

EP 1065332 A1 20010103 (DE)

Application

EP 00105774 A 20000318

Priority

DE 29911369 U 19990701

Abstract (en)

The stair case is made from reinforced steel (1). The staircase is provided with side walls (2) or supports (3) which are directly connected. The walls may also be made of reinforced concrete.

Abstract (de)

Vorgefertigte viertel- bzw. halbgewendelte Treppen (1) aus Stahlbeton, die mit Seitenwänden (2) oder Stützen (3) verbunden sind. <IMAGE>

IPC 1-7

E04F 11/022

IPC 8 full level

E04F 11/02 (2006.01)

CPC (source: EP)

E04F 11/02 (2013.01)

Citation (search report)

- [X] EP 0337392 A2 19891018 - HEINRICH SCHAPER HOCH BETON UN [DE]
- [X] DE 29721616 U1 19990408 - AMMANN OHG [DE]
- [X] DE 3341057 A1 19850523 - DOMESLE BENNO
- [A] DE 2710724 A1 19780914 - BYELVELT RUDI VAN

Designated contracting state (EPC)

AT BE FR NL

DOCDB simple family (publication)

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