

Title (en)

Prefabricated staircase construction for a flight of stairs

Title (de)

Vorzufertigende Tragkonstruktion für einen Treppenlauf

Title (fr)

Construction d'escalier préfabriquée pour une volée d'escalier

Publication

EP 0654568 B1 19970903 (DE)

Application

EP 94118277 A 19941121

Priority

DE 9317878 U 19931123

Abstract (en)

[origin: EP0654568A1] Figure 1 shows a sectional view of a single-string load-bearing structure 1 which is suitable for a flight of stairs and exhibits a multiplicity of horizontal load-bearing strings 2 which are arranged in the form of steps one behind the other in a row and are supported on one another by a sleeve 5 in each case. As connecting element, use is made, in this arrangement, of load-bearing bolts 7 which act as tie rods and of which the shanks 11 engage through bores 6a, located in the load-bearing strings 2, and the sleeves 5 and are braced by means of screws 10. The external diameter a of said load-bearing-bolt shanks 11 is, in this arrangement, smaller than the internal diameter d of the sleeves 5, such that the latter can be displaced in the radial direction with respect to the load-bearing-bolt shanks 11. <IMAGE>

IPC 1-7

E04F 11/02

IPC 8 full level

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

CPC (source: EP)

E04F 11/035 (2013.01)

Cited by

EP1923522A1

Designated contracting state (EPC)

AT CH DE DK IT LI SE

DOCDB simple family (publication)

EP 0654568 A1 19950524; **EP 0654568 B1 19970903**; AT E157731 T1 19970915; DE 59403958 D1 19971009; DE 9317878 U1 19941222

DOCDB simple family (application)

EP 94118277 A 19941121; AT 94118277 T 19941121; DE 59403958 T 19941121; DE 9317878 U 19931123