

Title (en)

Staircase, and fitting and framework for a staircase

Title (de)

Treppe sowie Beschlag und Strebwerkanordnung für eine Treppe

Title (fr)

Escalier ainsi que raccord et charpente pour un escalier

Publication

EP 0952275 A2 19991027 (DE)

Application

EP 99107642 A 19990416

Priority

DE 19817227 A 19980417

Abstract (en)

The step plates (36) are arranged at least partly in a step space surround (32) and on the wall side are anchored at least partly by steel bolts (34). The support structure is a framework. A fixture is provided for fixture to a step plate (36) of a staircase (30) and for connection of successive step plates. Bars are articulatedly connectable to the fixture. Each step plate has two fixtures which are connected by inclinedly parallel running bars, forming the upper and lower girders of the bracing structure. Each bar at its end has an articulated pin for location in the fixtures. The bracing structure comprises several horizontal and vertical tubes.

Abstract (de)

Treppe, insbesondere gewendelte Treppe, mit Trittplatten (12; 36), die beidseitig mittels im Bereich der Trittplattenebene angeordneten Tragstrukturen (16; 40) getragen sind, wobei die Tragstrukturen (16; 40) an ihren Anschlußpunkten (18; 39, 48b) gelenkig gelagert sind. <IMAGE>

IPC 1-7

E04F 11/02

IPC 8 full level

E04B 1/19 (2006.01); **E04F 11/022** (2006.01)

CPC (source: EP)

E04B 1/1903 (2013.01); **E04F 11/022** (2013.01); **E04B 2001/1927** (2013.01); **E04B 2001/1957** (2013.01)

Citation (applicant)

DE 3220918 C2 19930609

Cited by

CN101787738A

Designated contracting state (EPC)

AT CH DE LI

DOCDB simple family (publication)

EP 0952275 A2 19991027; **EP 0952275 A3 19991222**; DE 19817227 A1 20000105

DOCDB simple family (application)

EP 99107642 A 19990416; DE 19817227 A 19980417