Title (en)
SPIRAL STAIRCASE

Publication
EP 0263600 B1 19910424 (EN)

Application
EP 87307984 A 19870909

Priority
GB 8624055 A 19861007

Abstract (en)
[origin: EP0263600A2] A spiral staircase including a handrail (1) of tubular flexible construction together with a clamping means (2) comprising a cradle support (8) and an endless loop of cable (9) to mount the handrail (1) to a baluster (3). The cable (9) is passed over the handrail (1), the two runs of the loop (9) being located in a spiral groove (6) of the handrail so that the loop (9) does not stand proud of the handrail (1). When the cable (9) is tensioned the handrail (1) is firmly clamped to the cradle. The handrail being flexible and in need of alignment it is desirable that the connection between the vertical balusters and the outer ends of the stair treads of the spiral staircase provides for vertical adjustment of the balusters relative to the stair treads. Therefore, there is also provided a baluster mounting bracket including an elongate member (40) comprising an end part (40a) adapted to be slidably mounted in a channel or groove provided in the outer edge of a stair tread (4), a central collar part (40b) slidably engagable with a vertical baluster (3), the other end part (40c) of said member (40) being adapted to be clamped to said channel or groove, and clamping means (42, 43, 44) for clamping the other end part (40c) of said member (40) to said channel or groove, thereby to clamp the baluster (3) to the stairtread (4).

IPC 1-7
E04F 11/08; E04F 11/18

IPC 8 full level
E04F 11/032 (2006.01); E04F 11/18 (2006.01)

CPC (source: EP)
E04F 11/032 (2013.01); E04F 11/1812 (2013.01); E04F 2011/1885 (2013.01)

Cited by
DE10154990C5; AT525518A3

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0263600 A2 19880413; EP 0263600 A3 19881005; EP 0263600 B1 19910424; DE 3769575 D1 19910529; GB 8624055 D0 19861112

DOCDB simple family (application)
EP 87307984 A 19870909; DE 3769575 T 19870909; GB 8624055 A 19861007