

Title (en)

Method for manufacturing a railing structure and a railing structure

Title (de)

Verfahren zur Herstellung einer Geländerkonstruktion und eine Geländerkonstruktion

Title (fr)

Procede de fabrication d'un garde corps et un garde corps

Publication

EP 2339090 A3 20120905 (EN)

Application

EP 10396009 A 20101206

Priority

FI 20090462 A 20091204

Abstract (en)

[origin: EP2339090A2] A method for manufacturing and installing a railing structure (10) wherein, during the manufacturing stage of the railing structure, frame struts (22a, 22b) of horizontal rails (21a, 21b) are fastened to a rail post (11) by means of self-drilling drill-tip screws (15a). After this, cladding struts (23a, 23b) are locked onto the frame struts by pressing, and the cladding struts conceal the heads of the fastening screws from sight. At the installation site of the railing structure, a cladding panel (20), such as a glass sheet, is installed into conjunction with the rails and locked in its place by means of external seals (26a, 26b) placed between the edges of the glass sheet and the cladding panels of the rails. In the railing structure, there is a longitudinal groove (12a, 12b) inside the rail post (11), the width of the groove being suitably tight for the thread of a self-drilling drill-tip screw to create a sufficiently strong joint between the drill-tip screw and the groove.

IPC 8 full level

E04F 11/18 (2006.01)

CPC (source: EP)

E04F 11/1851 (2013.01); **E04F 11/1853** (2013.01)

Citation (search report)

- [I] EP 2017399 A1 20090121 - BL PRODUKTUTVECKLING [SE]
- [A] WO 2006094394 A1 20060914 - MURIDAL INC [CA], et al

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US9163399B1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2339090 A2 20110629; EP 2339090 A3 20120905; FI 20090462 A0 20091204; FI 9164 U1 20110414; FI U20100519 U0 20101206

DOCDB simple family (application)

EP 10396009 A 20101206; FI 20090462 A 20091204; FI U20100519 U 20101206