

Title (en)
Modular handrail systems

Title (de)
Modulare Handlaufsysteme

Title (fr)
Systèmes modulaires pour la confection de mains courantes

Publication
EP 1630320 A3 20080402 (EN)

Application
EP 05076946 A 20050824

Priority
GB 0418862 A 20040824

Abstract (en)
[origin: EP1630320A2] The present invention comprises a kit for construction of a handrail assembly and a modular handrail system. The kit and system include at least one cross connector (30,31) having four male projections (18) in opposed pairs; and at least one T-shaped connector (25,26) having three male projections. The kit includes a plurality of elongate tubular sections (40) that connect between two male projections of different connectors to form an assembly of intersecting legs and rails. At least one base member (35) adapted to connect to the end of a tubular section and to an external structure (61) is also provided to mount the handrail assembly. Each male projection has an annular rib (19) that engages in a groove (42) formed in the inner surface of each tubular section. Further connector types including curved connectors (15,22), straight connectors, and variable angle connectors (60) may also be included.

IPC 8 full level
E04F 11/18 (2006.01)

CPC (source: EP)
E04F 11/181 (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1630320 A2 20060301; EP 1630320 A3 20080402; EP 1630320 B1 20120314; AT E549468 T1 20120315; GB 0418862 D0 20040929; GB 0517310 D0 20051005; GB 2417502 A 20060301

DOCDB simple family (application)
EP 05076946 A 20050824; AT 05076946 T 20050824; GB 0418862 A 20040824; GB 0517310 A 20050824