

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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