

Title (en)
Handrail assemblies

Title (de)
Handlaufbausätze

Title (fr)
Ensembles de main courante

Publication
EP 1335081 A3 20050202 (EN)

Application
EP 03250766 A 20030206

Priority
GB 0202905 A 20020207

Abstract (en)
[origin: EP1335081A2] A handrail assembly 1 for a staircase or the like comprises a base rail R and a handrail 2 each preferably having at least one substantially flat surface (2a, Figure 18), at least one upright post 3 and a bracket 4 to connect one rail 2 to the upright post 3, the post-to-rail bracket 4 having a base 40 for engagement with the substantially flat surface (2a, Figure 18) of the rail 2 and a deformable portion 45 to accommodate different inclinations of the rail 2 relative to the post 3. An assembly 1 may further comprise a connector 5 to interconnect the handrail 2 with a rail 6, the connector 5 preferably having a first hollow portion with an internal cross-sectional shape to match the cross-section of the handrail 2, the handrail 2 extending at least partially into the first hollow portion. <IMAGE> <IMAGE>

IPC 1-7
E04F 11/18; F16C 11/12

IPC 8 full level
E04F 11/18 (2006.01)

CPC (source: EP GB)
E04F 11/18 (2013.01 - GB); **E04F 11/181** (2013.01 - EP); **E04F 11/1834** (2013.01 - EP); **E04F 2011/1819** (2013.01 - EP); **E04F 2011/1821** (2013.01 - EP); **E04F 2011/1827** (2013.01 - EP)

Citation (search report)
• [XAY] FR 2738862 A1 19970321 - GIBERT DIDIER [FR]
• [YA] DE 9419943 U1 19950202 - GLOCKNER DIETER ING GRAD [DE]
• [XAY] EP 0495577 A1 19920722 - NORTHERN JOINERY LTD [GB]
• [XA] DE 2600057 A1 19770714 - MEYER BERND
• [DYA] GB 2299370 A 19961002 - KEE KLAMPS LTD [GB]

Cited by
ITBG20120039A1; EP1630320A3

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

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