

Title (en)

Balustrade assembly for a construction to protect against accidental fall and balustrade post installation therefor

Title (de)

Geländervorrichtung für gegen Absturz zu sichernde Konstruktionen und Geländerpfosteneinrichtung hierfür

Title (fr)

Assemblage de garde-corps pour une construction de protection contre les chutes et installation de poteaux pour cela

Publication

EP 1219759 A3 20031029 (DE)

Application

EP 01130626 A 20011221

Priority

DE 20021827 U 20001222

Abstract (en)

[origin: EP1219759A2] The railing for stairs, balconies and similar building elements is characterized by the following facts: a) the handrail is made up of straight sections (54.1, ...) of round bars joined to one another by connector units (72) with elements capable of being set at any angle relative to one another; b) the posts (60) are located directly before and after each connector unit; c) the railing elements (74) take the form of cables stretched between posts (60). Also claimed is a vertically adjustable structure for such posts.

IPC 1-7

E04F 11/18; **E04F 11/02**

IPC 8 full level

E04F 11/18 (2006.01)

CPC (source: EP)

E04F 11/1812 (2013.01); **E04F 11/1817** (2013.01); **E04F 11/1834** (2013.01); **E04F 11/1851** (2013.01); **E04F 2011/1821** (2013.01)

Citation (search report)

- [XAY] DE 19811750 A1 19990923 - NEUCON MASCH BAUSYSTEM [DE]
- [YA] DE 29915271 U1 19991216 - NAUTI VELA GES FUER YACHTAUSRU [DE]
- [DYA] DE 3342668 A1 19850605 - NEUCON MASCH BAUSYSTEM [DE]
- [A] DE 3603717 A1 19870813 - KREUSEL ULRICH
- [A] FR 2754861 A1 19980424 - SIROCCO S A [FR]

Cited by

FR2871825A1; US8944414B2; GB2375551B; WO2004046486A1; WO2006105591A1

Designated contracting state (EPC)

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