

Title (en)
Guardrail joint structure

Title (de)
Verbindungsanordnung für

Title (fr)
Joint de structure

Publication
EP 1878865 A1 20080116 (EN)

Application
EP 06117061 A 20060712

Priority
EP 06117061 A 20060712

Abstract (en)
A guardrail joint structure comprises: an upper arm (10) having a pivotal connection means on one end thereof, a coupling device (121) on the other end thereof and a projecting lug (113) on the pivotal connection means; and a lower arm (20) having a pivotal connection means correspondingly on one end thereof, a coupling device (221) on the other end thereof and a rib (212) on the pivotal connection means, wherein the pivotal connection between the pivotal connection means of the upper arm and the pivotal connection means of the lower arm makes the guardrail joint structure rotatable and foldable, and wherein the upper arm and the lower arm can be positioned by using the projecting lug and the rib.

IPC 8 full level
E06B 9/06 (2006.01)

CPC (source: EP)
A47D 15/008 (2013.01); **E05D 11/06** (2013.01)

Citation (search report)

- [X] DE 4010509 A1 19910321 - MARIOL JOHN V [US]
- [X] US 6862779 B1 20050308 - LU SHENG-NAN [TW], et al
- [A] DE 19544615 A1 19970605 - CHEN HUANG LI CHU [TW]
- [X] US 2004244110 A1 20041209 - WALDMAN KENNETH C [US], et al
- [X] US 6510568 B1 20030128 - DROBINSKI JEROME J [US], et al
- [X] DE 20110368 U1 20010927 - DEMBY DEV CO [TW]
- [X] DE 3603717 A1 19870813 - KREUSEL ULRICH

Cited by
GB2477635A; GB2477555B; GB2477635B; US10968637B2; US11339575B2

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 1878865 A1 20080116

DOCDB simple family (application)
EP 06117061 A 20060712