

Title (en)

Disconnectable electrical connection system for a mobile assembly

Title (de)

Trennbares elektrisches Verbindungssystem für eine bewegbare Einheit

Title (fr)

Système de raccordement électrique déconnectable pour ensemble mobile

Publication

**EP 0687041 A1 19951213 (FR)**

Application

**EP 95401330 A 19950608**

Priority

FR 9407133 A 19940610

Abstract (en)

The electrical connection assembly includes a downstream connection block (GB) consisting of connection terminals (FB1) which are permanently electrically connected to a mobile assembly (EB). An upstream connection block (GA) is permanently electrically connected to a fixed supply block (BA) by flexible conductors (CA). A carriage (K) transfers the upstream block (GA) alternately between a downstream position (PB) providing the electrical connection to the mobile unit, and a retracted position (PA) at a distance from the downstream block. <IMAGE>

IPC 1-7

**H01R 43/26**

IPC 8 full level

**B22D 11/04** (2006.01); **B22D 11/051** (2006.01); **B22D 11/053** (2006.01); **H01R 43/26** (2006.01)

CPC (source: EP KR US)

**H01R 43/26** (2013.01 - EP KR US)

Citation (applicant)

US 4508404 A 19850402 - FRAWLEY NORMAN E [US]

Citation (search report)

- [DA] US 4508404 A 19850402 - FRAWLEY NORMAN E [US]
- [A] FR 2678440 A1 19921231 - COMMISSARIAT ENERGIE ATOMIQUE [FR]
- [A] US 4468858 A 19840904 - GULBERG NORMAN B [US], et al

Cited by

GB2341985A; GB2341985B

Designated contracting state (EPC)

AT BE DE ES FR GB IT NL SE

DOCDB simple family (publication)

**EP 0687041 A1 19951213**; **EP 0687041 B1 19980826**; AT E170340 T1 19980915; CA 2168948 A1 19951221; CA 2168948 C 20040106; CN 1047476 C 19991215; CN 1129493 A 19960821; DE 69504247 D1 19981001; DE 69504247 T2 19990422; ES 2123220 T3 19990101; FR 2721148 A1 19951215; FR 2721148 B1 19960802; JP 2798506 B2 19980917; JP H09500233 A 19970107; KR 100336959 B1 20021113; KR 960704377 A 19960831; TW 273643 B 19960401; US 5743324 A 19980428; WO 9534925 A1 19951221

DOCDB simple family (application)

**EP 95401330 A 19950608**; AT 95401330 T 19950608; CA 2168948 A 19950608; CN 95190540 A 19950608; DE 69504247 T 19950608; ES 95401330 T 19950608; FR 9407133 A 19940610; FR 9500749 W 19950608; JP 50171996 A 19950608; KR 19960700669 A 19960209; TW 84108410 A 19950810; US 59234796 A 19960207