Title (en)

Electrical connector and cable with electrical connector

Title (de)

Elektrischer Verbinder und Kabel mit diesem Verbinder

Title (fr)

Connecteur électrique et câble avec ce connecteur

Publication

**EP 1533871 A3 20060201 (EN)**

Application

**EP 04256850 A 20041105**

Priority

JP 2003391094 A 20031120

Abstract (en)

[origin: EP1533871A2] An electrical connector (100) includes a contact (1) for electrical connection with a contact (201) of a counterpart connector (200), a main body (21) having a contact housing part (24) for housing the contact (1), and a coupling member (22) which can be coupled to the main body (21), and can latch a cable (40) that is connected to a contact (1) housed in the contact housing part (24) in conjunction with the main body (21) by being coupled to the main body (21). The electrical connector (100) further includes a retainer (35) which is attached in a displaceable manner to the main body (21), and is displaced from an initial position to a latching position at which the retainer can latch a contact (1) housed in the contact housing part (24) by receiving an external force from the couplingmember (22) when the couplingmember (22) is coupled to the main body (21).

IPC 8 full level

**H01R 13/639** (2006.01); **H01R 13/42** (2006.01); **H01R 13/436** (2006.01); **H01R 13/629** (2006.01)

CPC (source: EP KR)

**H01R 13/42** (2013.01 - KR); **H01R 13/4361** (2013.01 - EP)

Citation (search report)

- [A] US 6048222 A 20000411 - PRICE MARK [US]
- [A] EP 0164835 A1 19851218 - LUCAS IND PLC [GB]

Cited by

US11761843B2; US10900859B2; US11621508B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1533871 A2 20050525**; **EP 1533871 A3 20060201**; CN 100407509 C 20080730; CN 1619893 A 20050525; JP 2005158296 A 20050616; KR 20050049342 A 20050525

DOCDB simple family (application)

**EP 04256850 A 20041105**; CN 200410092345 A 20041109; JP 2003391094 A 20031120; KR 20040088931 A 20041103