

Title (en)  
Electrical Connector

Title (de)  
Elektrischer Verbinder

Title (fr)  
Connecteur électrique

Publication  
**EP 2284958 A1 20110216 (EN)**

Application  
**EP 10172589 A 20100812**

Priority  
BE 200900499 A 20090814

Abstract (en)  
The present invention relates to a connector (1) which can readily be (un)coupled for electrically or optically coupling a first electrical or optical apparatus or network to a cable or second electrical or optical apparatus, comprising a magnetic coupling which is situated substantially on one side with respect to the electrical or optical coupling of the connector (1), so that the coupling is ensured even when substantially frontal forces smaller than a certain force  $F_{min}$  act on the coupling and the coupling is automatically uncoupled when forces greater than a certain force  $F_{max}$  occur.

IPC 8 full level  
**H01R 13/62** (2006.01)

CPC (source: EP)  
**H01R 13/6205** (2013.01)

Citation (applicant)  

- US 2008096398 A1 20080424 - ROHRBACH MATTHEW D [US], et al
- US 2003045134 A1 20030306 - DOWNING ERIC [US]
- US 2004224539 A1 20041111 - BOYD SCOTT J [US], et al

Citation (search report)  

- [A] US 2003045134 A1 20030306 - DOWNING ERIC [US]
- [A] US 2004224539 A1 20041111 - BOYD SCOTT J [US], et al

Citation (examination)  
EP 0289208 A2 19881102 - SONY CORP [JP]

Cited by  
CN107579571A; CN106207626A; US11527849B2; US9306328B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
BA ME RS

DOCDB simple family (publication)  
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DOCDB simple family (application)  
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