

Title (en)  
Device for connecting cables

Title (de)  
Anschlusseinrichtung für Kabel

Title (fr)  
Dispositif de raccordement pour câble

Publication  
**EP 1381114 B1 20080409 (EN)**

Application  
**EP 03254215 A 20030702**

Priority  
CN 02123895 A 20020708

Abstract (en)  
[origin: EP1381114A2] A connecting device for securely connecting cables comprises a first cable, a male coupling, a male terminal assembly, a second cable, a female coupling, and a female terminal assembly. The first and second cables are threadedly secured to the male and female couplings respectively. The female coupling comprises a forward recess and a sealing ring therein. Once the male and female couplings are coupled, a sealing structure is formed as a projection of the male coupling is urged against the ring and the recess. The device is simple in structure, waterproof, and reliable. <IMAGE>

IPC 8 full level  
**H01R 4/24** (2006.01); **H01R 4/26** (2006.01); **H01R 4/50** (2006.01); **H01R 12/78** (2011.01); **H01R 13/40** (2006.01); **H01R 13/52** (2006.01); **H01R 13/627** (2006.01); **H01R 13/639** (2006.01); **H01R 13/11** (2006.01)

CPC (source: EP KR)  
**H01R 4/5033** (2013.01 - EP); **H01R 13/52** (2013.01 - KR); **H01R 13/6271** (2013.01 - EP); **H01R 13/11** (2013.01 - EP); **H01R 13/5219** (2013.01 - EP)

Cited by  
WO2007137787A1; CN102025044A; EP2207242A3; CN113659356A; US8011942B2; US9666983B2; US8007302B2; US8317531B2; EP1672972B1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1381114 A2 20040114; EP 1381114 A3 20041027; EP 1381114 B1 20080409**; AT E392031 T1 20080415; CA 2434987 A1 20040108; CA 2434987 C 20110322; CN 1321485 C 20070613; CN 1467881 A 20040114; DE 60320185 D1 20080521; DE 60320185 T2 20090514; JP 2004039637 A 20040205; JP 3889730 B2 20070307; KR 100985777 B1 20101006; KR 20040005608 A 20040116

DOCDB simple family (application)  
**EP 03254215 A 20030702**; AT 03254215 T 20030702; CA 2434987 A 20030704; CN 02123895 A 20020708; DE 60320185 T 20030702; JP 2003270121 A 20030701; KR 20030045184 A 20030704