

Title (en)  
Connector with a coding device

Title (de)  
Steckverbindung mit einer Kodiervorrichtung

Title (fr)  
Connecteur à fiche doté d'un dispositif de codage

Publication  
**EP 2091108 B2 20191023 (DE)**

Application  
**EP 09150835 A 20090119**

Priority  
DE 102008009350 A 20080214

Abstract (en)  
[origin: EP2091108A1] The connector has a plug part (1) and a socket part (4), where the parts comprise a housing and electrical and/or light-conducting contacts that are connected with one another. A coding device has two coding units (7, 8) that are pre-mounted at the plug part as a pre-mounted unit. The socket part is designed in such a manner that the coding unit (7) is fixed to the socket part during an axial connection of the plug and socket parts and the coding unit (7) remains connected to the plug part when the plug and socket parts are separated through an axial pulling. An independent claim is also included for a method for coding of a plug connector.

IPC 8 full level  
**H01R 13/645** (2006.01)

CPC (source: EP US)  
**H01R 13/6453** (2013.01 - EP US); **Y10T 29/53209** (2015.01 - EP US)

Citation (opposition)  
Opponent :

- US 4159862 A 19790703 - FUNCK GORDON W, et al
- US 3085221 A 19630409 - FRANCIS KELLY JOSEPH
- US 6302745 B1 20011016 - LANDIS JOHN M [US], et al
- DE 19925347 A1 20001207 - HARTING KGAA [DE]
- US 3491330 A 19700120 - BARNHART HARRY EDWARD, et al

Cited by  
DE102019112532A1; DE102019112532B4; US11189969B2; EP2953213A1; US9537259B2

Designated contracting state (EPC)  
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 TR

DOCDB simple family (publication)  
**EP 2091108 A1 20090819; EP 2091108 B1 20160420; EP 2091108 B2 20191023**; CN 101510645 A 20090819; CN 101510645 B 20130403; DE 102008009350 A1 20090820; ES 2581382 T3 20160905; ES 2581382 T5 20200618; JP 2009283440 A 20091203; JP 5909758 B2 20160427; US 2009209140 A1 20090820; US 8075350 B2 20111213

DOCDB simple family (application)  
**EP 09150835 A 20090119**; CN 200910004039 A 20090209; DE 102008009350 A 20080214; ES 09150835 T 20090119; JP 2009000767 A 20090106; US 32085609 A 20090206