

Title (en)  
PLUG CONNECTOR COUPLING

Title (de)  
STECKVERBINDERKUPPLUNG

Title (fr)  
SYSTEME DE COUPLAGE PAR CONNECTEUR

Publication  
**EP 1625643 B1 20100714 (DE)**

Application  
**EP 04733560 A 20040518**

Priority  

- EP 2004005315 W 20040518
- DE 10322815 A 20030519
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Abstract (en)  
[origin: WO2004102748A1] A plug connector coupling for sensors, particularly potentiometric sensors, comprises a first coupling body (10) with first detent means (12, 13, 14) of a bayonet catch and with a first interface (16) for outputting and/or receiving signals and/or power. The plug connector coupling also comprises a second coupling body (20) with second detent means (22) of a bayonet catch and with a second interface (24) for outputting and/or receiving signals and/or power. The second coupling body (20) can be connected to the first coupling body (10) in a manner that is complementary thereto. The second detent means (22) are complementary to the first detent means (12, 13, 14), can be brought into engagement therewith, and the second interface (24) is complementary to the first interface (16). The first interface and the second interface are preferably inductive interfaces, whereby the coupling bodies each have a hermetically sealed housing inside of which the inductive interfaces are situated.

IPC 8 full level  
**H01R 13/625** (2006.01); **H01F 38/14** (2006.01)

CPC (source: EP)  
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Citation (examination)  
DE 10218606 A1 20031106 - CONDUCTA ENDRESS & HAUSER [DE]

Cited by  
DE102014116236A1; DE102015112949A1; DE102017116504A1; WO2014145629A1; DE102016122890A1; US10158193B2; DE102018131435A1; US9564717B2; US10739294B2

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