

Title (en)  
Adapter device for thermocouples

Title (de)  
Adapter für Thermoelement

Title (fr)  
Adaptateur pour thermocouples

Publication  
**EP 0691510 A1 19960110 (EN)**

Application  
**EP 95830273 A 19950628**

Priority  
IT RM940446 A 19940708

Abstract (en)  
An adapter device to enable thermocouples with Faston type coupling to be mounted upon bodies (10) of valves or valved cocks adapted for mounting thermocouples with threaded coupling and comprising a conventional magnetic assembly (11) locked by means of a locking nut (12) and having a contact head (16), wherein said adapter device comprises : - a contact pin (24), having a front end head (25) adapted to engage the contact head (16) of a conventional magnetic assembly (11) and a rear end head (26) adapted to engage the contact head (27) of a thermocouple (28) provided with a Faston type coupling, as well as a front perimetral stop means; - an insulating bushing (29) inserted onto said contact pin (24) and having a front perimetral step formation abutted to the front perimetral stop means of said contact pin (24); - an externally threaded mounting nut (31) which is screwed within said magnet assembly locking nut (12) and pushes against said perimetral step formation of the insulating bushing.  
<MATH>

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**F23N 5/10**

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**F23N 5/10** (2006.01)

CPC (source: EP)  
**F23N 5/10** (2013.01); **F23N 2900/05101** (2013.01)

Citation (search report)  
• [PA] EP 0619460 A1 19941012 - ORKLI S COOP LTDA [ES]  
• [A] FR 2696531 A3 19940408 - BOSCH GMBH ROBERT [DE]  
• [A] EP 0433528 A1 19910626 - ISPHORDING METALLWERKE PAUL [DE]

Citation (third parties)  
Third party :  
• FR 1552463 A 19690103  
• FR 2696531 A3 19940408 - BOSCH GMBH ROBERT [DE]

Cited by  
EP1707879A1; RU2615044C2; RU2615044C9; RU2653167C2; WO2007019885A1; WO2013117382A2; US9178304B2

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