

Title (en)
Regulator

Title (de)
Regulator

Title (fr)
Régulateur

Publication
EP 1176678 A1 20020130 (EN)

Application
EP 01305952 A 20010710

Priority
GB 0018068 A 20000725

Abstract (en)
A temperature regulation device (10) has a housing (11) from which protrudes a plug part (12), adapted to be received in an electrical socket to which an electrical supply is provided, and in which at least one socket part (16), adapted to receive an electrical plug connected to an electrical apparatus, is provided. The temperature regulation device (10) has a thermostat device (23) operable to make electrical connections (20, 21) between the plug part (12) and the socket part (16) when the ambient temperature in the vicinity of the temperature regulation device (10) is within a predetermined range, and to break the connections (20, 21) when the ambient temperature in the vicinity of the temperature regulation device (10) is outside that range. The thermostat device (23) may be operable to make the connections (20, 21) when the ambient temperature falls below a predetermined value, above a predetermined value, or both. The predetermined value may be set mechanically or electronically and may be shown on a display 35, and an indicator (28) indicates when the connections (20, 21) are made. <IMAGE>

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H01R 13/713

IPC 8 full level
H01R 13/713 (2006.01)

CPC (source: EP)
H01R 13/7137 (2013.01)

Citation (search report)
• [X] GB 2132826 A 19840711 - SMITHS INDUSTRIES PLC
• [X] US 4864269 A 19890905 - PRIEBE STANLEY R [CA]
• [A] EP 0708498 A1 19960424 - NISSO IND CO LTD [JP]

Cited by
US8044329B2; US7652888B2; WO2006110878A3

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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