

Title (en)
Installation box for electric appliances

Title (de)
Installationsdose für elektrische Geräte

Title (fr)
Boîtier d'installation pour appareils électriques

Publication
EP 1389816 B1 20060920 (EN)

Application
EP 03102347 A 20030730

Priority
FI 20021463 A 20020812

Abstract (en)
[origin: EP1389816A1] The invention relates to an installation box for electric appliances. The box comprises a bottom (1), two opposite side walls (2), attachment means (3) projecting from the bottom and/or the sidewalls for attaching electric appliances, and engagement brackets (4, 5) at the side walls' upper edges for fastening the installation box to the rims of a trunking or some other socket frame installation opening. The installation box consists of socket modules (10), whose opposite ends are provided with coupling means (11, 12), which establish a preformed locking with the coupling means (11, 12) of another socket module, such that the installation box is infinitely extendable by way of the socket modules (10) to a desired number of modules. The ends of the socket modules (10) can be fitted with connectors (7, 8), which are compatible with connectors (8, 7) present at the end of an adjacent socket module (10) or a cable. The assembled connectors (7, 8) are concealable with a cover plate (22).
<IMAGE>

IPC 8 full level
H02G 3/08 (2006.01); **H01R 9/24** (2006.01); **H01R 25/00** (2006.01)

CPC (source: EP)
H01R 9/2408 (2013.01); **H01R 9/2458** (2013.01); **H01R 25/00** (2013.01)

Cited by
EP2835871A1; FR2928041A1; US9774153B2; WO2015084246A1

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 1389816 A1 20040218; EP 1389816 B1 20060920; EP 1389816 B2 20121114; AT E340426 T1 20061015; DE 60308458 D1 20061102; DE 60308458 T2 20070329; DE 60308458 T3 20130124; DK 1389816 T3 20070129; DK 1389816 T4 20121217; FI 112727 B 20031231; FI 20021463 A0 20020812; NO 20033445 D0 20030801; NO 333629 B1 20130729

DOCDB simple family (application)
EP 03102347 A 20030730; AT 03102347 T 20030730; DE 60308458 T 20030730; DK 03102347 T 20030730; FI 20021463 A 20020812; NO 20033445 A 20030801