

Title (en)
APPLIANCE COUPLER

Title (de)
GERÄTESTECKER

Title (fr)
FICHE DE RACCORDEMENT D'APPAREIL

Publication
EP 2820718 A1 20150107 (DE)

Application
EP 13712494 A 20130301

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• EP 2013054152 W 20130301

Abstract (en)
[origin: WO2013127991A1] The subject matter of the invention is an appliance coupler (1) for electrically connecting an electric vehicle to a charging device, comprising a plug having a plug face (4) or comprising a socket (5) and an electromechanically driven locking device (6), wherein the plug or the socket (5) is designed to establish an electrical connection with a second socket or a second plug, respectively, of a cable plug (2) associated with the electric vehicle or the charging device, wherein the locking device (6) can be moved between a locking position and an unlocking position axially or radially relative to the plugging direction (7) of the plug or the socket (5) in order to mechanically lock or unlock a plug/socket pair (5), wherein the appliance coupler (1) has a cover (3) which can be moved for closing the plug face (4) of the plug or the socket (5), said cover (3) being designed such that the plug or the socket (5) cannot be connected, in the closed state of the cover (3), to a second socket and/or a second plug, respectively, and said appliance coupler has a mechanical actuating device (14) designed to interact with the locking device (6) and the cover (3) such that the actuating device (14) stops the closed cover (3) from opening when the locking device is in the locking position.

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CPC (source: EP)
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Citation (search report)
See references of WO 2013127991A1

Citation (examination)
US 2011300728 A1 20111208 - KATAGIRI TOSHIHARU [JP], et al

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