

Title (en)

HOUSEHOLD APPLIANCE WITH A CONNECTING ELEMENT, AND INSERT MODULE

Title (de)

HAUSHALTSGERÄT MIT EINEM ANSCHLUSSELEMENT UND EINSETZMODUL

Title (fr)

APPAREIL ÉLECTROMÉNAGER MUNI D'UN ÉLÉMENT DE RACCORDEMENT ET MODULE INSÉRABLE

Publication

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Application

EP 11802680 A 20111207

Priority

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Abstract (en)

[origin: WO2012080047A1] The invention relates to a connecting element (1) for providing an electrical connection in a processing space (B) of a household appliance (H), wherein the connecting element (1) comprises a protruding, longitudinally displaceable contact pin (2) that can be displaced between a rest position protruding farther and an operating position protruding less far, wherein the contact pin (2) pushes into the rest position. The household appliance (H), particularly a cooking appliance, has at least one connecting element (1) for providing an electrical connection in a processing space (B) of a household appliance (H), wherein the at least one connecting element (1) comprises at least one connecting element (1) and is disposed on a side wall (S) of the processing space (B), particularly the cooking space. The insert module (17) serves for positioning in a processing space (B) of a household appliance (H), wherein the insert can be operated electrically, and wherein the insert module (17) has at least one mating electrical connection element (18) for contacting the connecting element (1).

IPC 8 full level

F24C 15/16 (2006.01)

CPC (source: EP US)

F24C 15/166 (2013.01 - EP US); **H01R 13/17** (2013.01 - US); **H01R 33/18** (2013.01 - EP US)

Citation (examination)

- DE 202005009818 U1 20050908 - KALTEIS REINHOLD [DE]
- EP 1498991 A1 20050119 - SCHALTBAU GMBH [DE]
- DE 10261733 A1 20040722 - IMS CONNECTOR SYSTEMS GMBH [DE]
- US 3659063 A 19720425 - PETERSON FRANCIS C
- US 3146338 A 19640825 - JEROME SEREMAK

Cited by

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