

Title (en)  
IMPROVED HOOK-DOOR-LOCK DEVICE ASSEMBLY FOR HOUSEHOLD APPLIANCES AND HOUSEHOLD APPLIANCE PROVIDED WITH SUCH AN ASSEMBLY

Title (de)  
VERBESSERTE HAKEN-TÜRSCHLOSSVORRICHTUNG FÜR HAUSHALTSGERÄTE UND HAUSHALTSGERÄT DAMIT

Title (fr)  
DISPOSITIF DE VERROUILLAGE DE PORTE-CROCHET AMÉLIORÉ POUR APPAREILS MÉNAGERS ET APPAREIL MÉNAGER POURVU D'UN TEL ENSEMBLE

Publication  
**EP 3269868 A1 20180117 (EN)**

Application  
**EP 17178335 A 20170628**

Priority  
IT 201600072028 A 20160711

Abstract (en)  
The present invention concerns a hook-door-lock device assembly (1) for a household appliance that is provided with a door, comprising a door-lock device (2) and a hook (3), fixable to the door of a household appliance, said hook (3) being intended to engage with said door-lock device (2), characterized in that said assembly (1) comprises contrast means (32), arranged so as to keep said hook (3) in a predefined position, and in that said door-lock device (2) comprises an engaging relief (23) shaped so that: when said door is closed, said hook (3) engages with said engaging relief (23), overcoming the resistance of said contrast means (32); and when said door is opened, said hook (3) disengages from said engaging relief (23), overcoming the resistance of said contrast means (32). The present invention also concerns an electric household appliance.

IPC 8 full level  
**A47L 15/42** (2006.01); **D06F 37/42** (2006.01)

CPC (source: EP US)  
**D06F 37/42** (2013.01 - EP US)

Citation (search report)

- [I] EP 2154287 A1 20100217 - ELETTROTECNICA ROLD SRL [IT]
- [A] WO 0181696 A1 20011101 - BITRON SPA [IT], et al

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