

Title (en)

Washing machine with instant-action door interlock arrangement

Title (de)

Waschmaschine mit einer sofortwirkenden Türverriegelungsvorrichtung

Title (fr)

Machine à laver avec dispositif de verrouillage de porte à action instantanée

Publication

EP 0808935 A2 19971126 (EN)

Application

EP 97106498 A 19970419

Priority

IT PN960030 A 19960522

Abstract (en)

Washing machine comprising a drum, a loading opening and a related door, a door interlock arrangement provided with electronic control means, an electromagnet with a moving element, a switch means actuated by said moving element which is capable of being displaced by said electromagnet on the basis of the commands issued by an appropriate current control device placed on the respective power-supply line, said device being adapted to be controlled by said electronic control means. When the loading door is closed and the moving element is displaced into either its first or second extracted position, the element itself is caused to engage an appropriate catch means provided in the machine so as to prevent the door from opening. Under pre-defined conditions, the electronic control means act on the current control device that generates at least an electric pulse which is transmitted to the electromagnet to cause the moving element to engage said catch means. <IMAGE>

IPC 1-7

D06F 37/42

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE102014209113A1; EP1039012A1; CN107810294A; EP3287557A4; AU2016307570B2; AU2019200385B2; US8590346B2; WO2010070399A2; WO2009000690A1; US10745851B2; US11578445B2; WO2021032040A1

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