

Title (en)
LAUNDRY MACHINE

Title (de)
WASCHMASCHINE

Title (fr)
MACHINE À LAVER LE LINGE

Publication
EP 3222768 B1 20190320 (EN)

Application
EP 16161614 A 20160322

Priority
EP 16161614 A 20160322

Abstract (en)
[origin: EP3222768A1] A laundry machine (100) for treating laundry items is proposed. The laundry machine (100) comprises a cabinet (105) for accommodating components necessary for the operation of the laundry machine (100), a washing tub (107) comprising a rotatable drum for containing laundry items, the washing tub (107) being enclosed by the cabinet (105) such that it can be moved in a floating manner inside said cabinet, at least one suspension element (111) comprising a first portion (220a,111a; 320a,111a) associated to the cabinet (105) and a second portion (220b,111c; 111c) associated to the washing tub (107) for movably coupling the tub (107) with the cabinet (105) of the laundry machine (100), and a load sensing device (200; 300) for measuring a physical value related to the weight of laundry items provided in the washing tub (107), wherein the load sensing device (200; 300) comprises a device first member (210; 310) comprising a first sensor element (215; 315) and a device second member (235; 335) comprising a second sensor element (235b; 335b). The load sensing device (200; 300) is coupled with the at least one suspension element (111) with the device first member (210; 310) associated to the first portion (220a,111a; 320a,111a) of said suspension element (111) and with the device second member (235; 335) associated to the second portion (220b,111c; 111c) of the suspension element (111) or vice-versa. Thereby, the change of length of the suspension element (111) causes the change of distance between said first and the second sensor elements.

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Cited by
CN109620094A; CN109602375A; CN108842383A; CN112135936A; JP2021524779A; US11920279B2; WO2019223877A1

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