

Title (en)
Washing machine with improved sensor for load weight

Title (de)
Waschmaschine mit verbessertem Sensor für das Beladungsgewicht

Title (fr)
Machine à laver à capteur amélioré pour le poids de la charge

Publication
EP 1988206 A1 20081105 (EN)

Application
EP 07107413 A 20070503

Priority
EP 07107413 A 20070503

Abstract (en)
Washing machine comprising an outer casing housing (1) an oscillating washing assembly (2) suspended elastically to said casing through at least a spring (3,4), at least a vibration-damping strut (5,50) placed between an outer portion of said washing assembly and a respective anchoring point which is connected, even elastically, to said casing, measurement means (12) able of measuring the excursion of the washing assembly, and able of generating and transferring a signal representative of the vertical excursion of the washing assembly; said casing is provided, preferably on the lower part if it, with elastic means (7,8,77,88,52) able of assuming a predetermined resting position, and said excursion measurement means are applied between a definite point (13) firmly connected to said casing, and a predefined position of said elastic means. An end part of said damping strut is engaged to a lower portion (6) of said washing assembly, while the opposite end part of the same damping strut is engaged to an anchoring point (5A,55) placed on said elastic means. In a preferred embodiment said elastic means comprise two springs, preferably spirally shaped, which are independent, aligned, vertically oriented, connected to each other between the two respectively facing sides (7B,8B); the opposed extremes of said two springs are solidly connected to respective distinct portions of said casing.

IPC 8 full level
D06F 37/20 (2006.01); **D06F 34/18** (2020.01)

CPC (source: EP US)
D06F 34/18 (2020.02 - EP US); **D06F 37/20** (2013.01 - EP US); **D06F 2103/04** (2020.02 - EP US)

Citation (search report)
• [DX] EP 1264925 A2 20021211 - ELECTROLUX HOME PROD CORP [BE]
• [A] EP 1258556 A1 20021120 - MIELE & CIE [DE]
• [A] DE 29812393 U1 19991118 - AEG HAUSGERAETE GMBH [DE]

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