

Title (en)

Method for detecting rotation of a dishwasher spray arm

Title (de)

Verfahren zum Erkennen der Drehung eines Spülmaschinenprüharms

Title (fr)

Procédé de détection de rotation d'un bras de pulvérisation de lave-vaisselle

Publication

EP 2614763 A1 20130717 (EN)

Application

EP 12150555 A 20120110

Priority

EP 12150555 A 20120110

Abstract (en)

A method for detecting rotation of a dishwasher spray arm, wherein the method comprises: (a) detecting vibrations generated during operation of the dishwasher; (b) comparing the level of the detected vibrations with a predetermined threshold, and increasing a count value in dependency of whether the level of the detected vibrations exceeds the predetermined threshold; (c) comparing the count value that is obtained for a predetermined period of time with a predetermined target range; and (d) determining that there is a disturbance in the rotation of the spray arm, when the count value is outside the predetermined target range.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- DE 4010066 A1 19911002 - MIELE & CIE [DE]
- WO 02060606 A2 20020808 - TYSON JAMES [US]
- DE 10204455 A1 20030821 - MIELE & CIE [DE]

Citation (search report)

- [A] US 7250087 B1 20070731 - TYSON JAMES [US], et al
- [A] EP 0793939 A1 19970910 - ZELTRON SPA [IT]
- [A] JP H0531063 A 19930209 - MATSUSHITA ELECTRIC IND CO LTD
- [A] US 2010170541 A1 20100708 - POYNER DENNIS A [US], et al
- [AD] DE 4010066 A1 19911002 - MIELE & CIE [DE]
- [AD] WO 02060606 A2 20020808 - TYSON JAMES [US]
- [AD] DE 10204455 A1 20030821 - MIELE & CIE [DE]

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WO2015091750A1; CN110353596A; EP3488756A1; US2018199789A1; US10362923B2; CN105848551A; US2016309981A1; US11428735B1; EP3936024A1; WO2015036040A1; WO2015036039A1; WO2023110075A1; DE102013226637A1; US10561294B2

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Designated extension state (EPC)

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