

Title (en)

Washing machine with a liquid pipe comprising several parts

Title (de)

Trommelwaschmaschine mit einer mehrteiligen Flüssigkeitsleitung

Title (fr)

Machine à laver à tambour avec une conduite de liquide en plusieurs parties

Publication

**EP 0849390 B1 20020612 (DE)**

Application

**EP 97119925 A 19971113**

Priority

DE 19652830 A 19961218

Abstract (en)

[origin: US5881578A] The fluid line between a drain opening at the bottom of the tub and an opening located at a higher level in the tub includes a line segment, which serves solely to keep the washwater in the tub in circulation between the upper opening and the drain opening. The line also has a solid pipe segment with a transparent region, at the wall of which a sensor is mounted that responds to the turbidity of the washwater. The sensor has an optical transmitter and an optical receiver. The sensor elements are built into a forked housing so as to securely mount and protect the sensor from the severe shaking during spin cycles. The forked housing embraces the pipe segment and the housing is adapted to the outer shape of the pipe segment at the faces which are in contact with the transparent region.

IPC 1-7

**D06F 39/00**

IPC 8 full level

**D06F 39/08** (2006.01); **D06F 34/22** (2020.01)

CPC (source: EP KR US)

**D06F 34/22** (2020.02 - EP KR US); **D06F 37/22** (2013.01 - KR); **D06F 39/083** (2013.01 - KR); **D06F 2103/20** (2020.02 - EP KR US)

Cited by

EP0992621A3; EP2615201A1; EP2455534A1; EP0992622A3; EP1111119A3; EP2982792A1; WO2016188705A1

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**EP 0849390 A2 19980624**; **EP 0849390 A3 19990120**; **EP 0849390 B1 20020612**; AT E219180 T1 20020615; BR 9706361 A 19990504; CN 1093197 C 20021023; CN 1185499 A 19980624; DE 19652830 A1 19980625; DE 59707490 D1 20020718; ES 2177882 T3 20021216; KR 100453784 B1 20050420; KR 19980063970 A 19981007; NZ 329427 A 19991028; PL 183831 B1 20020731; PL 323656 A1 19980622; RU 2170295 C2 20010710; TR 199701590 A2 19980721; TR 199701590 A3 19980721; US 5881578 A 19990316

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