

Title (en)
WATER-BEARING DOMESTIC APPLIANCE

Title (de)
WASSERFÜHRENDES HAUSHALTGERÄT

Title (fr)
APPAREIL MENAGER A ECOULEMENT D'EAU

Publication
EP 1217936 B1 20051005 (DE)

Application
EP 00960622 A 20000907

Priority
• DE 19945925 A 19990924
• EP 0008758 W 20000907

Abstract (en)
[origin: US2003010113A1] In a water-bearing household appliance with a liquid container filled through a valve in a liquid feed line, and in which a liquid filling level is detected for monitoring at least one safety level of a safety device, the safety device includes an optical light guidance system for reflecting a light beam by which the filling level is detected with the aid of a change in the reflection response on at least one reflecting site and is used to monitor the safety level. As an optical light guidance system, the safety device offers the advantage of dispensing with moving mechanical components-for example, a float, a level switch, an operating lever, an operating rod, etc.-to reduce the risk of mechanical defects that are associated with a substantial outlay on repair time and costs to a minimum or to completely eliminate the risk.

IPC 1-7
A47L 15/42; **D06F 39/08**

IPC 8 full level
A47L 15/42 (2006.01); **D06F 39/08** (2006.01)

CPC (source: EP US)
A47L 15/4244 (2013.01 - EP US); **D06F 39/087** (2013.01 - EP US); **D06F 2103/18** (2020.02 - EP US)

Cited by
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US 2003010113 A1 20030116; **US 6851312 B2 20050208**; AT E305745 T1 20051015; DE 19945925 A1 20010329; DE 50011299 D1 20060216; EP 1217936 A1 20020703; EP 1217936 B1 20051005; ES 2252057 T3 20060516; WO 0122862 A1 20010405

DOCDB simple family (application)
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