

Title (en)

Assembly and method for monitoring at least one household appliance

Title (de)

Anordnung und Verfahren zur Überwachung von mindestens einem Haushaltsgerät

Title (fr)

Assemblage et procédé pour surveiller au moins un appareil ménager

Publication

EP 2302312 A1 20110330 (EN)

Application

EP 09382180 A 20090924

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Abstract (en)

The invention refers to an assembly for monitoring at least one household appliance which comprises a control unit (11) which detects at least one product parameter (S 1 to S 6) with respect to goods (A, B), e.g. food or laundry, inserted into said household appliance, and/or an operational parameter (S 7 , S 8) of said household appliance. Said control unit (11) is linked with a monitoring unit (23) which generates a user profile (25) on the base of the detected parameter (S 1 to S 8). In said user profile (25) said parameter (S 1 to S 8) is stored depending on the time (t), wherein a deviation of user activities relating to said household appliance from said user profile (25) is detectable by said monitoring unit (23).

IPC 8 full level

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Citation (applicant)

- JP 2008242911 A 20081009 - HITACHI SOFTWARE ENG
- KR 100837050 B1 20080612 - DAEWOO ELECTRONICS CORP [KR]
- KR 20070116335 A 20071210 - DAEWOO ELECTRONICS CORP [KR]
- CN 101071015 A 20071114 - TAIZHOU LG ELECT REFRIGERATOR [CN]
- US 2007236357 A1 20071011 - GLIELMO LUIGI [IT], et al
- WO 2007115794 A1 20071018 - SMARTFREEZE S R L [IT], et al
- KR 20070006641 A 20070111 - JANG JIN SEOK [KR]
- KR 20060119580 A 20061124 - SON GWANG BEOM [KR]
- KR 20060008784 A 20060127 - DAEWOO ELECTRONICS CORP [KR]
- EP 1172752 A2 20020116 - DAINIPPON PRINTING CO LTD [JP]
- JP 2002022177 A 20020123 - DAINIPPON PRINTING CO LTD
- US 2002059175 A1 20020516 - NAKANO SHIGERU [JP]
- US 7096221 B2 20060822 - NAKANO SHIGERU [JP]

Citation (search report)

- [IY] WO 03044755 A1 20030530 - BEHAVIORAL INFORMATICS INC [US], et al
- [Y] US 2005137465 A1 20050623 - CUDDIHY PAUL E [US], et al
- [Y] WO 2005109303 A2 20051117 - JOHNSON & SON INC S C [US], et al
- [YA] US 2005091996 A1 20050505 - ISHIKAWA TOSHIHARU [JP], et al
- [I] US 2006033625 A1 20060216 - JOHNSON CHRISTOPHER D [US], et al
- [A] US 7196625 B1 20070327 - NGUYEN THU H [US]

Cited by

DE102013107369A1; CN109767611A

Designated contracting state (EPC)

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