

Title (en)
Domestic refrigerator with water dispenser assembly

Title (de)
Haushaltskühlschrank mit Wasserabgabevorrichtung

Title (fr)
Réfrigérateur ménager avec distributeur d'eau

Publication
EP 1645825 A1 20060412 (EN)

Application
EP 04104868 A 20041005

Priority
EP 04104868 A 20041005

Abstract (en)
A DOMESTIC refrigerator (10) has a water dispenser assembly comprising a cool water reservoir (20) installed inside the refrigerator and a water supply pump (15) supplying the cool water from the reservoir to the outside of the refrigerator. The cool water reservoir (20) is connected to a water supply valve (14) which is adapted to be connected to an external water network, so that the water dispenser assembly can be used either with water supplied manually by the user to the reservoir or with water supplied automatically by the external water network.

IPC 8 full level
F25D 23/12 (2006.01)

CPC (source: EP)
F25D 23/126 (2013.01); **F25D 23/04** (2013.01); **F25D 2323/122** (2013.01)

Citation (applicant)
• JP 2002006014 A 20020109 - FUJI ELECTRIC CO LTD
• JP H0394885 A 19910419 - TOSHIBA CORP, et al
• GB 2329460 A 19990324 - LG ELECTRONICS INC [KR]
• EP 0779485 A2 19970618 - SAMSUNG ELECTRONICS CO LTD [KR]

Citation (search report)
• [XAY] EP 0779485 A2 19970618 - SAMSUNG ELECTRONICS CO LTD [KR]
• [A] US 2354272 A 19440725 - MILLER KINNEY I, et al
• [A] WO 03102481 A1 20031211 - LG ELECTRONICS INC [KR], et al
• [A] US 2299103 A 19421020 - MILLER KINNEY I, et al
• [A] US 5290442 A 19940301 - CLACK ROBERT A [US]
• [A] EP 1190983 A2 20020327 - WHIRLPOOL CO [US]
• [A] US 3208641 A 19650928 - BRUGIONI LEROY D
• [Y] PATENT ABSTRACTS OF JAPAN vol. 015, no. 275 (C - 0849) 12 July 1991 (1991-07-12)
• [A] PATENT ABSTRACTS OF JAPAN vol. 015, no. 182 (M - 1111) 10 May 1991 (1991-05-10)
• [A] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 08 5 August 2002 (2002-08-05)

Cited by
CN105737492A; EP4123249A4; CN103528332A; EP4123248A4; US9677802B2; US9915464B2; US10168094B2

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