

Title (en)
REFRIGERATION DEVICE COMPRISING A WATER FILTER

Title (de)
KÄLTEGERÄT MIT WASSERFILTER

Title (fr)
APPAREIL FRIGORIFIQUE POURVU D'UN FILTRE A EAU

Publication
EP 1957914 A1 20080820 (DE)

Application
EP 06807574 A 20061026

Priority
• EP 2006067808 W 20061026
• DE 102005057156 A 20051130

Abstract (en)
[origin: DE102005057156A1] Refrigerator appliance with a water supply (5) has isolating valves (25, 26) downstream of a chemically inert filter (4) for particulates removal. For poor quality water supplies the particulates filter may be replaced by an adsorption filter of similar cartridge housing style. The filtration medium may be a fine porosity ceramic, which can take-up particles throughout its volume, with less adverse effect on flowrate/pressure loss than the same amount of fouling deposited only on an outer surface. The filter cartridges preferably have "push-buttons" located in positions which allow engaging sensors to identify filters as 'adsorbent' or 'particulates removal' types, and to accordingly set filter lifetime/cumulative flow counter alarm devices for the correct replacement interval.

IPC 8 full level
F25D 23/12 (2006.01)

CPC (source: EP US)
F25C 1/25 (2017.12 - EP US); **F25D 23/126** (2013.01 - EP US); **C02F 1/001** (2013.01 - EP US); **F25C 2400/14** (2013.01 - EP US); **F25D 2323/121** (2013.01 - EP US)

Citation (search report)
See references of WO 2007062942A1

Designated contracting state (EPC)
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DE 102005057156 A1 20070531; CN 101317058 A 20081203; EP 1957914 A1 20080820; US 2009277823 A1 20091112; WO 2007062942 A1 20070607

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DE 102005057156 A 20051130; CN 200680044269 A 20061026; EP 06807574 A 20061026; EP 2006067808 W 20061026; US 8593706 A 20061026