

Title (en)

Cooling unit for a drinking water fountain, and water fountain containing such a unit

Title (de)

Kälteeinheit für eine Trinkwasserquelle und eine Wasserquelle mit solch einer Einheit

Title (fr)

Unité frigorifique pour une fontaine d'eau potable, et fontaine d'eau avec une telle unité

Publication

**EP 1574798 A1 20050914 (EN)**

Application

**EP 04290497 A 20040224**

Priority

EP 04290497 A 20040224

Abstract (en)

A self-contained cooling unit (1) for drinking water fountains, wherein the cooling unit (1) comprises: an outer casing (2) forming a fluidtight chamber; a thermal exchange fluid held within the chamber; a source of cold energy (18) transferable to the thermal exchange fluid; at least one drinking water conduit (11) arranged within the chamber and having a drinking water inlet (9) and a drinking water outlet (10) outside of said chamber. <IMAGE>

IPC 1-7

**F25D 31/00**; **B67D 1/08**

IPC 8 full level

**B67D 1/08** (2006.01); **F25D 31/00** (2006.01)

CPC (source: EP US)

**F25D 31/002** (2013.01 - EP US)

Citation (search report)

- [XY] DE 646207 C 19370612 - BOSCH ROBERT AG
- [Y] GB 2383322 A 20030625 - IMI CORNELIUS [GB]
- [X] US 6442960 B1 20020903 - FOURNIER ERIC [FR], et al
- [X] DE 684559 C 19391130 - BOSCH GMBH ROBERT
- [A] EP 0191436 A1 19860820 - SIPP SPA [IT]
- [X] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 04 31 August 2000 (2000-08-31)

Cited by

US7299992B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1574798 A1 20050914**; CA 2557182 A1 20050915; CN 1922455 A 20070228; EP 1738121 A1 20070103; JP 2007523317 A 20070816; RU 2006133915 A 20080327; US 2009090119 A1 20090409; WO 2005085726 A1 20050915

DOCDB simple family (application)

**EP 04290497 A 20040224**; CA 2557182 A 20050224; CN 200580005816 A 20050224; EP 05708585 A 20050224; IB 2005000465 W 20050224; JP 2007500312 A 20050224; RU 2006133915 A 20050224; US 59076705 A 20050224