

Title (en)

Device for rapid cooling of an object in a refrigerator

Title (de)

Vorrichtung zum Schnellkühlen von Objekten in einem Kühlschrank

Title (fr)

Dispositif pour refroidissement rapide d'un objet dans un réfrigérateur

Publication

EP 0903550 A1 19990324 (EN)

Application

EP 98850114 A 19980626

Priority

SE 9703391 A 19970919

Abstract (en)

A device for rapid cooling of an object, e.g. a bottle (44), in a refrigerator comprises a first bag (14) arranged at a refrigerated surface (12) in the refrigerator, a second bag (20) arranged below the first bag, a pipe (22) through which a liquid can move between the bags, a means (24) for compressing the second bag (20), so that the liquid flows up to the first bag (14), and a holder (32) for bringing the object (44) into contact with the first bag (14), which by that is brought into contact with the refrigerated surface (12), so that heat can be conducted from the object (44) through the liquid in the first bag (14) to the refrigerated surface (12). <IMAGE>

IPC 1-7

F25D 16/00; F25D 3/00; F25D 11/00; F25D 23/00

IPC 8 full level

F25D 11/00 (2006.01); **F25D 25/02** (2006.01)

CPC (source: EP)

F25D 11/006 (2013.01); **F25D 25/028** (2013.01); **F25D 2331/803** (2013.01); **F25D 2331/809** (2013.01); **F25D 2400/28** (2013.01)

Citation (search report)

- [A] CH 281565 A 19520315 - ELECTROLUX AB [SE]
- [A] GB 606184 A 19480810 - MAURICE JULES ARMAND CHOAY
- [A] US 2002232 A 19350521 - CHILTON RALPH H
- [A] DE 3936017 A1 19910502 - BAUKNECHT HAUSGERAETE [DE]
- [A] EP 0651214 A1 19950503 - LIEBHERR HAUSGERAETE [DE]

Cited by

EP2218995A3; WO2010149402A1; WO2008006669A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0903550 A1 19990324; EP 0903550 B1 20030723; DE 69816547 D1 20030828; DE 69816547 T2 20040527; SE 510526 C2 19990531;
SE 9703391 D0 19970919; SE 9703391 L 19990320

DOCDB simple family (application)

EP 98850114 A 19980626; DE 69816547 T 19980626; SE 9703391 A 19970919