

Title (en)

DEVICE FOR THE ATOMIZATION OF LIQUIDS

Publication

EP 0098924 A3 19850703 (DE)

Application

EP 83103422 A 19830408

Priority

DE 3225951 A 19820710

Abstract (en)

[origin: EP0098924A2] The invention relates to a device, arranged in particular in freezer chests, for atomising continuously supplied liquids, in particular water, having an ultrasonic vibrator (13), the vibrator surface (13') of which is coated with a liquid, and proposes, in order to achieve an improved efficiency, that the liquid (F1) to be atomised be arranged in a depression (V) of a changeable wall (W) whose wall section (12') facing the vibrator surface (13') is in contact with the liquid (F2) which coats the vibrator surface (13') and serves exclusively as a sound transmission medium. In this way, the formation of deposits on the ultrasonic vibrator is prevented. <IMAGE>

IPC 1-7

B05B 17/06; **F25D 1/00**; **F25D 21/10**

IPC 8 full level

A47F 3/04 (2006.01); **B05B 17/06** (2006.01)

CPC (source: EP)

A47F 3/0495 (2013.01); **B05B 17/0615** (2013.01)

Citation (search report)

- [X] US 3729138 A 19730424 - TYSK J
- [X] US 3325976 A 19670620 - DAVID WEST CHARLES
- [X] US 3561444 A 19710209 - EOUCHER RAYMOND MARCEL GUT
- [X] US 4001650 A 19770104 - ROMAIN JACK
- [A] FR 2434601 A1 19800328 - BOSSHARD ERNST [CH]
- [A] FR 2376373 A1 19780728 - BONOMI FELICE [IT]

Cited by

FR2921551A1; FR2821730A1; WO2014139665A1; WO2009053579A3

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0098924 A2 19840125; **EP 0098924 A3 19850703**; DE 3225951 A1 19840112

DOCDB simple family (application)

EP 83103422 A 19830408; DE 3225951 A 19820710