

Title (en)
Replenishing and degassing device

Title (de)
Gerät zur Nachfüllung und Entgasung

Title (fr)
Appareil pour remplissage et dégazage

Publication
EP 0947777 B1 20040324 (EN)

Application
EP 99201037 A 19990406

Priority
• NL 1008803 A 19980403
• NL 1010047 A 19980909

Abstract (en)
[origin: EP0947777A1] The invention relates to a device for replenishing and degassing circulation water of a central heating system, which device can take a small form. The device comprises an expansion compartment and a replenishing compartment, a connecting line debouching into the bottom of the expansion compartment for connecting to the central heating system, a pressure-controlled expansion valve arranged between the connecting line and the expansion compartment and opening at a high pressure in the connecting line, and a pump actuable by a pressure-controlled switch at a low pressure in the connecting line, a level-controlled valve arranged between the expansion compartment and the replenishing compartment and opening at a low level in the expansion compartment, and a level-controlled replenishing valve opening at a low level in the replenishing compartment. The device is embodied as a self-supporting unit connectable by the connecting line to a central heating system.
<IMAGE>

IPC 1-7
F24D 3/10

IPC 8 full level
F24D 3/10 (2006.01)

CPC (source: EP)
F24D 3/1008 (2013.01); **F24D 3/1083** (2013.01)

Cited by
NL1036252C2; EP1239231A3; NL2011333C2; EP1239231A2; WO2009131450A3

Designated contracting state (EPC)
AT BE DE FR GB IT NL

DOCDB simple family (publication)
EP 0947777 A1 19991006; EP 0947777 B1 20040324; AT E262661 T1 20040415; DE 69915724 D1 20040429; DE 69915724 T2 20050127; NL 1010047 C2 19991005

DOCDB simple family (application)
EP 99201037 A 19990406; AT 99201037 T 19990406; DE 69915724 T 19990406; NL 1010047 A 19980909