

Title (en)
Hot water storage tank

Title (de)
Warmwasserspeicher

Title (fr)
Ballon d'accumulation d'eau chaude

Publication
EP 1630487 A1 20060301 (DE)

Application
EP 05018441 A 20050825

Priority
AT 14522004 A 20040830

Abstract (en)
Hot water storage device (12) comprises a base (1) and a lid (2) held on the axial ends of the cylinder between a bead running radially in a cylinder and a radial flange formed as a spring and pressing the base and lid in the direction of the bead. Seals (4) are arranged between the base and lid on one side and the cylinder on the other side. Preferred Features: An electric heater is arranged in the cylinder or on the outer side of the cylinder. The hot water storage device and a heater are surrounded by an insulating material (6).

IPC 8 full level
F24H 1/18 (2006.01); **F24H 9/00** (2006.01); **F24H 9/02** (2006.01)

CPC (source: EP)
F24H 1/181 (2013.01); **F24H 1/185** (2013.01); **F24H 1/188** (2013.01)

Citation (applicant)
• GB 140184 A 19200325 - THOMAS STANISLAUS FILDES
• US 1919008 A 19330718 - CHEVIRON JULIAN J
• WO 2004044499 A1 20040527 - CADIF SRL [IT], et al
• DE 10033280 A1 20020117 - LAUKNER ANDRE [DE]

Citation (search report)
• [AD] WO 2004044499 A1 20040527 - CADIF SRL [IT], et al
• [AD] DE 10033280 A1 20020117 - LAUKNER ANDRE [DE]
• [AD] GB 140184 A 19200325 - THOMAS STANISLAUS FILDES
• [AD] US 1919008 A 19330718 - CHEVIRON JULIAN J
• [A] DE 3739118 C1 19890302 - BUDERUS HEIZTECHNIK GMBH
• [A] CH 536762 A 19730515 - EDLUND K K H [SE]
• [A] GB 814026 A 19590527 - E C PAYTER & CO LTD
• [A] FR 582533 A 19241220
• [A] WO 9209489 A1 19920611 - RHEEM AUSTRALIA PTY LTD [AU]

Cited by
EP3495749A1; CN108700353A; EP3371526A4; US10429096B2; EP4198412A1

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