

Title (en)
EXPANSION TANK FOR A GAS BOILER

Title (de)
EXPANSIONSTANK FÜR EINEN GASKESSEL

Title (fr)
VASE D'EXPANSION POUR UNE CHAUDIÈRE À GAZ

Publication
EP 2623882 A4 20160427 (EN)

Application
EP 11829458 A 20110422

Priority
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• KR 2011002932 W 20110422

Abstract (en)
[origin: EP2623882A1] Provided is an expansion tank for a gas boiler which may be easily manufactured at a low cost due to its simple structure, and may have high pressure resistance and high corrosion resistance against heating water. To this end, the expansion tank includes: a body that has an upper portion and a lower portion that are opened, includes a lattice heating water receiving unit that is divided into compartments by a plurality of diaphragms and in which heating water is received, and is integrally formed with the plurality of diaphragms; and an upper inner cover and a lower inner cover that are coupled to the body to cover the upper portion and the lower portion of the body.

IPC 8 full level
F24D 3/08 (2006.01); **F24D 3/10** (2006.01)

CPC (source: EP)
F24D 3/08 (2013.01); **F24D 3/1008** (2013.01); **F24D 3/1041** (2013.01)

Citation (search report)
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• [A] DE 19653776 C1 19980430 - WINKELMANN & PANNHOFF GMBH [DE]
• [A] DE 1096694 B 19610105 - WALTER JORDAN G M B H
• [A] EP 1508750 A2 20050223 - WINKELMANN PALSIS MOTORTECHNIK [DE]
• [A] WO 2009107923 A1 20090903 - KYUNG DONG NAVIEN CO LTD [KR], et al
• See references of WO 2012043952A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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