

Title (en)  
Expansion vessel for warm water circuits

Title (de)  
Ausgleichsgefäß für Warmwasserheizkreisläufe

Title (fr)  
Vase d'expansion pour circuits d'eau chaude

Publication  
**EP 1582820 A3 20060628 (DE)**

Application  
**EP 05005297 A 20050310**

Priority  
DE 102004016220 A 20040401

Abstract (en)  
[origin: EP1582820A2] The compensation vessel for closed hot-water heating circuits comprises an outer plastic pressure vessel (1) with screw-threaded connector sections (1.1, 1.2), and a deformable inner plastic vessel (2) which has a roughly star-shaped cross section and is fixed to the outer vessel by a screw cap (4) and a conical seal (3).

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

CPC (source: EP)  
**F24D 3/1008** (2013.01); **F24D 3/1016** (2013.01)

Citation (search report)

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- [A] DE 1985404 U 19680516 - JUNKERS & CO [DE]
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- [A] PATENT ABSTRACTS OF JAPAN vol. 004, no. 049 (M - 007) 15 April 1980 (1980-04-15)

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