

Title (en)  
PLASTIC LABORATORY BOILER

Publication  
**EP 0464288 A3 19920610 (EN)**

Application  
**EP 90314445 A 19901231**

Priority  
US 54862990 A 19900705

Abstract (en)  
[origin: EP0464288A2] A plastics boiler 10 has an improved plastics and plastics-glass joint for connecting laboratory ware of different thermal expansion. The plastics joint 30 includes a tubular plastics section 34 having a compression ring 36 secured at its end which receives the labware of lower thermal expansion. The plastics-glass joint alternatively receives a shorter standard tapered glass joint 48. The boiler 10 has a bottom 12 having a chemically-resistant and non-contaminating inner side coating 13 and a chemically-resistant outer side coating 18. A metallic compression ring 14 is heat-shrunk around the bottom of the boiler 10. <IMAGE>

IPC 1-7  
**B01L 7/00**

IPC 8 full level  
**B01B 1/00** (2006.01); **B01L 3/00** (2006.01); **B01L 3/16** (2006.01); **B01L 7/00** (2006.01)

CPC (source: EP)  
**B01B 1/00** (2013.01); **B01L 3/16** (2013.01); **B01L 3/565** (2013.01); **B01L 7/00** (2013.01)

Citation (search report)  
• [A] DE 3100919 A1 19811203 - INTERTEC ASS INC [US]  
• [A] US 3973792 A 19760810 - GONNER WINFRIED KARL  
• [A] EP 0187915 A1 19860723 - CONTRAVES AG [CH]

Designated contracting state (EPC)  
DE FR GB IT

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**EP 0464288 A2 19920108; EP 0464288 A3 19920610**

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