

Title (en)  
LEADTHROUGH ARRANGEMENT

Publication  
**EP 0152307 A3 19880824 (EN)**

Application  
**EP 85300995 A 19850214**

Priority  
GB 8403943 A 19840215

Abstract (en)  
[origin: EP0152307A2] A leadthrough arrangement for providing an electrical connection through the wall of a furnace, comprises a tubular body (2) having an electrical conductor (4) passing therethrough and electrically isolated therefrom, there being an insulating sheath (10) surrounding the conductor (4) throughout its length within the body (2), and a heat sink (9) mounted on the conductor (4) externally of the body (2). The body (2) is adapted to be mounted over an opening in a furnace wall in vacuum tight manner.

IPC 1-7  
**H01B 17/30**

IPC 8 full level  
**F27D 99/00** (2010.01); **H01B 17/30** (2006.01); **H05B 7/06** (2006.01); **H05B 7/16** (2006.01)

CPC (source: EP)  
**F27D 99/0006** (2013.01); **F27D 99/0073** (2013.01); **H01B 17/30** (2013.01); **H05B 7/06** (2013.01); **H05B 7/16** (2013.01)

Citation (search report)

- [X] DE 2201348 A1 19730712 - SIEMENS AG
- [Y] FR 1188732 A 19590924 - PLESSEY CO LTD
- [A] FR 966111 A 19501002 - BBC BROWN BOVERI & CIE
- [A] FR 2444834 A1 19800718 - PROCAL
- [A] FR 852026 A 19400122
- [A] DE 2524217 A1 19761216 - KERNFORSCHUNG GMBH GES FUER
- [A] FR 2049618 A5 19710326 - COMMISSARIAT ENERGIE ATOMIQUE

Cited by  
EP0174156A1; CN102769989A

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0152307 A2 19850821; EP 0152307 A3 19880824**; GB 2154379 A 19850904; GB 8403943 D0 19840321

DOCDB simple family (application)  
**EP 85300995 A 19850214**; GB 8403943 A 19840215