

Title (en)
Infrared radiator and its manufacturing procedure

Title (de)
Infrarotstrahler und Herstellungsverfahren dafür

Title (fr)
Radiateur infrarouge et son procédé de fabrication

Publication
EP 0812003 B1 20030730 (DE)

Application
EP 97109108 A 19970605

Priority
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Abstract (en)
[origin: EP0812003A2] The short-wave infrared emitter has a twin parallel tube Å2Ü of quartz glass. Within the parallel chambers are a pair of tungsten heating filaments Å6,7Ü and these are supported in discs Å8Ü that are spaced at uniform intervals along the tube. The ends of the filaments are looped Å21,22Ü around a common contact pin Å20Ü that is inserted transversely and sealed . At the other end the ends of the filaments are set into pins Å11Ü having wires that are crimped into sealed metal couplings Å14,15Ü.

IPC 1-7
H01K 1/24; **H01K 7/00**; **H01K 3/06**; **H05B 3/54**

IPC 8 full level
H05B 3/10 (2006.01); **H01K 1/00** (2006.01); **H01K 1/02** (2006.01); **H01K 1/24** (2006.01); **H01K 3/00** (2006.01); **H01K 3/06** (2006.01); **H01K 7/00** (2006.01); **H01K 9/00** (2006.01); **H05B 3/40** (2006.01); **H05B 3/54** (2006.01)

CPC (source: EP US)
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