

Title (en)
INFRARED RADIATOR

Publication
EP 0372166 A3 19920205 (DE)

Application
EP 89115092 A 19890816

Priority
DE 3841448 A 19881209

Abstract (en)
[origin: EP0372166A2] Infrared radiators with an envelope tube of transparent quartz or translucent fused quartz, the length of which is a multiple of the cross-section and the inside space of which, seen in cross-section, is subdivided into two areas, are known, in which a heating wire or electrical connecting wire extends in each area in the direction of the tube axis, which wires are electrically conductively connected to one another at one end of the envelope tube and are carried to the outside via connecting parts at the other end. To specify an infrared radiator of the type initially described, in which a simple connection of the wires or heat conductors, respectively, which are carried in the two areas, is possible without the envelope tube having to be mechanically machined for this purpose, two ridges, which face one another and extend in the axial direction of the envelope tube and which form a gap project from the envelope tube inside wall for forming the two areas.

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H05B 3/44; **H05B 3/00**

IPC 8 full level
H05B 3/00 (2006.01); **H05B 3/10** (2006.01); **H05B 3/44** (2006.01)

CPC (source: EP US)
H05B 3/009 (2013.01 - EP US); **H05B 3/44** (2013.01 - EP US)

Citation (search report)
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• [A] DE 1094383 B 19601208 - BACKER ELECTRIC COMPANY LTD
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• [A] US 3443144 A 19690506 - FREESE ROBERT W JR
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Designated contracting state (EPC)
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