

Title (en)
Infrared radiator with twin cable sheath

Title (de)
Infrarot-Strahler mit einem Zwillings-Hüllrohr

Title (fr)
Dispositif de rayonnement infrarouge possédant des tubes de gainage jumelés

Publication
EP 1283659 A3 20041215 (DE)

Application
EP 02016464 A 20020723

Priority
DE 10137928 A 20010807

Abstract (en)
[origin: EP1283659A2] The IR radiator (1) has an elongate quartz glass Zwillings envelope sleeve (1') filled with argon at a pressure of between 500 and 900 mbar, containing at least one carbon band (2) acting as an IR radiation element, positioned at a relative spacing from the inside wall of the envelope sleeve, with terminal lead contact regions (6) at its opposite ends. At least one of the metallic terminal leads is provided by a coil spring (7).

IPC 1-7
H05B 3/44; **H05B 3/00**

IPC 8 full level
H05B 3/10 (2006.01); **H05B 3/14** (2006.01); **H05B 3/44** (2006.01)

CPC (source: EP US)
H05B 3/145 (2013.01 - EP US); **H05B 3/44** (2013.01 - EP US); **H05B 2203/032** (2013.01 - EP US)

Citation (search report)
• [X] DE 4438870 A1 19960509 - HERAEUS NOBLELIGHT GMBH [DE]
• [A] EP 0959645 A2 19991124 - HERAEUS NOBLELIGHT GMBH [DE]
• [A] DE 19545296 A1 19970612 - HERAEUS NOBLELIGHT GMBH [DE]
• [A] GB 2233150 A 19910102 - ELECTRICITY COUNCIL [GB]

Cited by
CN107210186A; DE102007050289A1; WO2012048986A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

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