

Title (en)
ELECTRIC HEATING CONDUCTOR FOR INFRARED HEATING ELEMENT

Publication
EP 0542128 A3 19930609 (DE)

Application
EP 92118934 A 19921105

Priority
• DE 4137250 A 19911113
• DE 4137251 A 19911113

Abstract (en)
[origin: EP0542128A2] A radiant heating element (11) is arranged under a glass ceramic panel (12). Arranged on its insulating support (14) is a heating conductor (18a, 18b) which consists of a plurality of individual wires (19) which are threaded into one another as a fabric or mesh, preferably as a hose mesh, and are connected in parallel. The heating conductor has a low ratio between mass and rated power, of less than 7×10^{-3} g/W.
<IMAGE>

IPC 1-7
H05B 3/74

IPC 8 full level
H05B 3/74 (2006.01)

CPC (source: EP)
H05B 3/748 (2013.01)

Citation (search report)
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• [A] US 3345498 A 19671003 - SIEGLA DONALD C
• [A] US 4034206 A 19770705 - PENROD GLEN H
• [A] DE 3820691 A1 19891221 - AKO WERKE GMBH & CO [DE]
• [A] FR 2331931 A1 19770610 - EGO ELEKTRO BLANC & FISCHER [DE]
• [A] DATABASE WPIL Section EI, Week 8142, Derwent Publications Ltd., London, GB; Class X, AN 81-K9680D & US-A-4 292 504 (TUTCO INC.) 29. September 1981

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Designated contracting state (EPC)
AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)
EP 0542128 A2 19930519; EP 0542128 A3 19930609; EP 0542128 B1 19950906; AT E127648 T1 19950915; DE 59203572 D1 19951012; ES 2077329 T3 19951116

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