

Title (en)
WOVEN ELECTRIC HEATER

Publication
EP 0501799 A3 19930630 (EN)

Application
EP 92301656 A 19920227

Priority
SU 4914494 A 19910227

Abstract (en)
[origin: EP0501799A2] The woven electric heater comprises warp (1) and weft (2) from electric current-insulating material, interwoven with formation of background (3) and selvage (4). Worked into background (3) is the weft from current-conductive material with formation of heating portions (6) and insulating strips (7). The weft (5) yarn from current-conductive material and the current-carrying strand (8) have complete insulation cover, and their contact is secured by means of commutative elements (9) fixed between the heating portions (6). The warp (1) yarn has length shrinkage with 0.01-5% at 25 to 120 degrees C, while the weft (2) yarn is manufactured from material retaining its geometrical pattern in heating conditions.
<IMAGE>

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H05B 3/36

IPC 8 full level
H05B 3/34 (2006.01); **H05B 3/36** (2006.01)

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Citation (search report)
• [A] US 3689994 A 19720912 - STODDARD EDGAR S
• [A] GB 1194591 A 19700610 - ENGLISH ELECTRIC CO LTD [GB]
• [A] FR 1548880 A 19681206
• [A] EP 0243504 A1 19871104 - TORAY INDUSTRIES [JP]
• [A] DE 2229808 A1 19740307 - LUECKENHAUS FA PETER AUGUST
• [A] DE 2611838 A1 19761014 - SEB SA

Cited by
FR2769785A1; ES2179786A1; EP2330034A3; WO9957942A3; WO9920078A1; WO2022074203A1

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