

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>

IPC 1-7  
**H05B 3/36**

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

CPC (source: EP)  
**H05B 3/347** (2013.01); **H05B 3/36** (2013.01); **H05B 2203/003** (2013.01); **H05B 2203/015** (2013.01); **H05B 2203/016** (2013.01); **H05B 2203/017** (2013.01); **H05B 2203/029** (2013.01)

Citation (search report)

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**EP 0501799 A2 19920902**; **EP 0501799 A3 19930630**; CA 2061856 A1 19920828; CN 1065769 A 19921028; FI 920876 A0 19920227; FI 920876 A 19920828; FR 2675333 A1 19921016; FR 2675333 B1 19940506; NO 920776 D0 19920227; NO 920776 L 19920828; RU 2027320 C1 19950120

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**EP 92301656 A 19920227**; CA 2061856 A 19920226; CN 92101987 A 19920227; FI 920876 A 19920227; FR 9202283 A 19920227; NO 920776 A 19920227; SU 4914494 A 19910227