

Title (en)
Woven electric heater.

Title (de)
Gewobener elektrischer Heizkörper.

Title (fr)
Corps chauffant électrique tissé.

Publication
EP 0501799 A2 19920902 (EN)

Application
EP 92301656 A 19920227

Priority
SU 4914494 A 19910227

Abstract (en)
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 3/34; **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)

Cited by
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