Title (en)

ELONGATE ELECTRICAL ASSEMBLIES

Publication

EP 0092406 A3 19840229 (EN)

Application

EP 83302156 A 19830415

Priority

US 36930982 A 19820416

Abstract (en)

[origin: EP0092406A2] Elongate electrical devices, comprising two conductors with electrical elements connected in parallel between them, have improved performance if the power supply is connected to one conductor at the near end and to the other conuuctor at the far end. Particularly useful devices are heaters, e.g. PTC conductive polymer heaters. The power supply is connected to the far end of the device through a connection means whose electrical properties can be correlated with those of the device in order to obtain a wide range of useful results. For example the connection means can have PTC, NTC or ZTC character and can be a simple conductor or another elongate device. The power supply can be DC or single-phase, two-phase or three-phase AC. A circuit of the invention is shown in Figure 3.

IPC 1-7

H05B 3/10; H01C 7/06

IPC 8 full level

H01C 7/06 (2006.01); **H05B 3/10** (2006.01); **H05B 3/14** (2006.01); **H05B 3/56** (2006.01); **H05B 6/10** (2006.01)

CPC (source: EP KR)

H05B 3/10 (2013.01 - KR); **H05B 3/146** (2013.01 - EP); **H05B 3/56** (2013.01 - EP); **H05B 6/108** (2013.01 - EP)

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