

Title (en)
Heating tape

Title (de)
Heizband

Title (fr)
Ruban de chauffe

Publication
EP 2592898 A3 20140611 (DE)

Application
EP 12191910 A 20121109

Priority
DE 102011055259 A 20111111

Abstract (en)
[origin: EP2592898A2] The heating tape (1) has two mutually parallel flat strip conductors (4) made of electrically conductive material, and support layer (3) made of insulating material. The conductors are spaced apart from each other on surface side of support layer. The ribs (5) made of carbon nanoparticle material are provided for interconnecting the strip conductors in electrically conductive manner. The thickness of ribs is set in the range of 10-1000 Nm, and gate width of ribs is set in the range of 1-20 mm. The distance between the adjacent ribs are set in the range of 1-20 mm. An independent claim is included for method for manufacturing heating tape.

IPC 8 full level
H05B 3/56 (2006.01); **H05B 3/14** (2006.01)

CPC (source: EP)
H05B 3/145 (2013.01); **H05B 3/565** (2013.01); **H05B 2214/04** (2013.01)

Citation (search report)

- [XY] US 2010122980 A1 20100520 - WANG JIA-PING [CN], et al
- [XY] WO 2010128748 A1 20101111 - LG ELECTRONICS INC [KR], et al
- [Y] WO 2007089118 A1 20070809 - NANOTECH CO LTD [KR], et al
- [Y] WO 8200935 A1 19820318 - STUMPHAUZER W, et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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