

Title (en)
Tubular heating element

Title (de)
Rohrförmiges Heizelement

Title (fr)
Élément de chauffage tubulaire

Publication
EP 2194753 B1 20150225 (DE)

Application
EP 09013839 A 20091104

Priority
DE 202008015979 U 20081203

Abstract (en)
[origin: EP2194753A2] The element has two separate pipe heating cartridges (6, 7) shifted in a lateral surface of a carrier pipe (1) that is placed in two slots or slot-like channels. Metallic sheaths of the pipe heating cartridges contain two helical strands of a helical resistance wire. Closed ends of the pipe heating cartridges form beginning of two cartridge spiral coils lying at two ends of the carrier pipe, respectively. Connection-side ends (10, 11) of the pipe heating cartridges are guided together in center disconnected by the two ends of the carrier pipe, and are interconnected with one another.

IPC 8 full level
H05B 3/44 (2006.01)

CPC (source: EP)
H05B 3/48 (2013.01)

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2194753 A2 20100609; EP 2194753 A3 20120905; EP 2194753 B1 20150225; DE 202008015979 U1 20100506

DOCDB simple family (application)
EP 09013839 A 20091104; DE 202008015979 U 20081203