

Title (en)

Variable power limiting heat tracing cable

Title (de)

Heizkabel mit variablem Leistungsbegrenzer

Title (fr)

Câble chauffant à limiteur de puissance variable

Publication

EP 0802701 B1 20000202 (EN)

Application

EP 96303335 A 19960513

Priority

CA 2174615 A 19960419

Abstract (en)

[origin: EP0802701A2] A heating cable includes a pair of elongated electrode wires, each of which is coated with a first layer of insulating material. The first layer of insulating material is at least partially stripped off selected ones of the wires at spaced, alternating locations. A resistive heater wire, together with a yarn of fibrous insulating material, is spirally wound around the electrode wires whereby the heater wire is brought into electrical contact with selected ones of the electrode wires at the alternating locations, to electrically connect the alternating locations with the resistive heater wire. A second layer of an insulating material is provided over the resistive heater wire and insulating material, forming an outer surface for the cable. <IMAGE>

IPC 1-7

H05B 3/56

IPC 8 full level

H01B 7/04 (2006.01); **H05B 3/54** (2006.01); **H05B 3/56** (2006.01)

CPC (source: EP)

H05B 3/56 (2013.01)

Cited by

CN113571238A; CN107071936A; US10566113B2; WO02067630A1; US11920853B2; WO2019145780A1; EP3172742B1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0802701 A2 19971022; EP 0802701 A3 19971119; EP 0802701 B1 20000202; CA 2174615 A1 19971020; DE 69606519 D1 20000309; DE 69606519 T2 20001019; RU 2180772 C2 20020320

DOCDB simple family (application)

EP 96303335 A 19960513; CA 2174615 A 19960419; DE 69606519 T 19960513; RU 96109820 A 19960520