Title (en)

Cable termination for a high current multi-conductor cable for DC applications

Title (de)

Kabelkopf eines Hochstrom-Mehrfachkabels für Gleichstromanwendungen

Title (fr)

Tête de câble pour un câble multi-conducteurs à courant élevé pour applications à courant continu

Publication

EP 0889548 A3 19991201 (DE)

Application

EP 98111382 A 19980620

Priority

DE 19728559 A 19970704

Abstract (en)

[origin: EP0889548A2] The cable head (1) has the ends (22) of the filaments of the multi-filament cable conductors (24) fitted into bores of a cable shoe (3) and fixed in place by radial compression and deformation of the bores. The latter lie along concentric circles (TK,TK1) with the bores along one circle aligned with the spaces between the bores along the other circle. Cooling water channels (18) are provided between the bores (15) in the outer circle (TK), with a depth which brings them into the vicinity of the bores (16) in the inner circle (TK1). The cooling channels are coupled to a central cooling water channel (8) in the cable head.

IPC 1-7

H01R 9/11

IPC 8 full level

H01B 7/29 (2006.01); **H01R 9/11** (2006.01); H01R 4/18 (2006.01)

CPC (source: EP US)

H01R 9/11 (2013.01 - EP US); H01R 4/18 (2013.01 - EP US)

Citation (search report)

- [A] US 3244792 A 19660405 - LAWTON SMITH SAMUEL
- [DA] DE 2341900 A1 19750227 - FLOHE HANS KG
- [A] DE 3420822 C1 19851024 - FLOHE HANS GMBH & CO
- [A] US 5527994 A 19960618 - KASPER JAMES J [US]

Cited by

US10902977B2; US11456092B2; WO2018046994A1; WO2017133893A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0889548 A2 19990107; **EP 0889548 A3 19991201**; **EP 0889548 B1 20010912**; DE 19728559 A1 19990107; DE 59801431 D1 20011018; ES 2162373 T3 20011216; US 6063998 A 20000516

DOCDB simple family (application)

EP 98111382 A 19980620; DE 19728559 A 19970704; DE 59801431 T 19980620; ES 98111382 T 19980620; US 10721498 A 19980630