

Title (en)

ELEMENT FOR FUSION WELDING PLASTICS

Title (de)

ELEMENT ZUM FUSIONSSCHWEISSEN VON KUNSTSTOFF

Title (fr)

ELEMENT DESTINE AU SOUDAGE PAR FUSION DE PLASTIQUES

Publication

EP 0927097 A1 19990707 (EN)

Application

EP 96923108 A 19960627

Priority

- NZ 9600064 W 19960627
- NZ 27246495 A 19950628

Abstract (en)

[origin: WO9701433A1] The present invention comprises articles adapted for use in electro-fusion welding of thermoplastic articles, such as pipes. One embodiment of the invention comprises a length of pipe, or a fitting therefor, having a modified weld interface for its electro-fusion joining to a second pipe or fitting etc. In another form the invention comprises an intermediary element positionable between articles (such as pipes) for their electro-fusion joining. In both forms, the weld interface is typically characterised by being of a thermoplastic material and including at least one filament arrangement, which in turn comprises one or more filaments aligned substantially lengthwise with respect to the weld interface; and wherein the filaments of the filament arrangement are also substantially parallel to the contact face of the weld interface; and further wherein said filaments terminate at terminal portions not forming part of the weld between the articles.

IPC 1-7

B29C 65/34; **B29C 65/36**

IPC 8 full level

B29C 65/00 (2006.01); **B29C 65/34** (2006.01)

CPC (source: EP)

B29C 65/342 (2013.01); **B29C 65/3432** (2013.01); **B29C 65/3436** (2013.01); **B29C 65/344** (2013.01); **B29C 65/3444** (2013.01); **B29C 66/1312** (2013.01); **B29C 66/3452** (2013.01); **B29C 66/5221** (2013.01); **B29C 66/52292** (2013.01); **B29C 66/52294** (2013.01); **B29C 66/73921** (2013.01); **B29C 66/91212** (2013.01); **B29C 66/91221** (2013.01); **B29C 66/91411** (2013.01); **B29C 66/91431** (2013.01); **B29C 66/91655** (2013.01); **B29C 66/92211** (2013.01); **B29C 65/3468** (2013.01); **B29C 65/3476** (2013.01); **B29C 65/348** (2013.01); **B29C 66/003** (2013.01); **B29C 66/347** (2013.01); **B29C 66/634** (2013.01); **B29C 66/961** (2013.01)

Designated contracting state (EPC)

DE ES FR GB IT NL

DOCDB simple family (publication)

WO 9701433 A1 19970116; AU 6370796 A 19970130; CA 2225479 A1 19970116; EP 0927097 A1 19990707; EP 0927097 A4 19990811; ZA 965533 B 19971229

DOCDB simple family (application)

NZ 9600064 W 19960627; AU 6370796 A 19960627; CA 2225479 A 19960627; EP 96923108 A 19960627; ZA 965533 A 19960628