

Title (en)

COOLING JIG FOR EXTRUDING PCTFE STRINGS AND METHOD FOR EXTRUDING PCTFE STRINGS

Title (de)

KÜHLUNGSEINSPANNVORRICHTUNG ZUR EXTRUDIERUNG VON PCTFE-STRÄNGEN UND VERFAHREN ZUR EXTRUDIERUNG VON PCTFE-STRÄNGEN

Title (fr)

CONFORMATEUR POUR L'EXTRUSION DE JONCS DE PCTFE ET PROCEDE D'EXTRUSION DU PCTFE

Publication

**EP 2117805 A2 20091118 (FR)**

Application

**EP 08761978 A 20080124**

Priority

- FR 2008050113 W 20080124
- FR 0752862 A 20070124

Abstract (en)

[origin: FR2911536A1] The method involves extruding VOLTALEF(RTM: commercial polychlorotrifluoroethylene) (PCTFE) using an extruder that is connected to an assembly (1) consisting a die (3) and a metal conformator (2). A polytetrafluoroethylene (PTFE) tube (6) is placed between an internal metallic wall of the conformator and the PCTFE such that friction of the PCTFE with the tube is lower than that of the PCTFE with metal of the conformator. A brake device placed in front of the conformator exerts pressure on an extruded polychlorotrifluoroethylene string.

IPC 8 full level

**B29C 48/06** (2019.01); **B29C 48/12** (2019.01); **B29C 48/30** (2019.01); **B29C 48/32** (2019.01); **B29C 48/90** (2019.01)

CPC (source: EP US)

**B29C 48/06** (2019.01 - EP US); **B29C 48/09** (2019.01 - EP US); **B29C 48/12** (2019.01 - EP US); **B29C 48/90** (2019.01 - EP US); **B29C 48/904** (2019.01 - EP US); **B29C 48/908** (2019.01 - EP US); **B29C 48/32** (2019.01 - EP US); **B29C 48/503** (2019.01 - EP US); **B29C 48/9115** (2019.01 - EP US); **B29C 48/913** (2019.01 - EP US); **B29C 48/9135** (2019.01 - EP US); **B29C 2035/1616** (2013.01 - EP US); **B29K 2027/12** (2013.01 - EP US); **B29K 2827/18** (2013.01 - EP US); **Y10T 428/139** (2015.01 - EP US)

Citation (search report)

See references of WO 2008104649A2

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2911536 A1 20080725**; EP 2117805 A2 20091118; JP 2010516508 A 20100520; US 2010196643 A1 20100805; WO 2008104649 A2 20080904; WO 2008104649 A3 20081113

DOCDB simple family (application)

**FR 0752862 A 20070124**; EP 08761978 A 20080124; FR 2008050113 W 20080124; JP 2009546797 A 20080124; US 52425708 A 20080124