

Title (en)

PLASTIC LINER WITH INTERNAL CENTER POINT FOR INSERTING FLEXIBLE LENGTH WINDING SHAFT WITH SELF CENTERING AND FIXATION

Title (de)

KUNSTSTOFFAUSKLEIDUNG MIT INNEREM MITTELPUNKT ZUM EINFÜHREN EINER WICKELWELLE MIT FLEXIBLER LÄNGE UND SELBSTZENTRIERUNG UND -BEFESTIGUNG

Title (fr)

REVÊTEMENT EN PLASTIQUE AVEC POINT CENTRAL INTÉRIEUR POUR INTRODUCTION D'ARBRE D'ENROULEMENT DE LONGUEUR FLEXIBLE AVEC CENTRAGE ET FIXATION AUTOMATIQUES

Publication

EP 2004379 A1 20081224 (EN)

Application

EP 06812694 A 20060918

Priority

- MY 2006000021 W 20060918
- MY PI20061403 A 20060330

Abstract (en)

[origin: WO2007114681A1] Plastic inner liners (3) are used as core material for filament winding of composite pressure vessels. These vessels are used for Compressed Natural Gas (CNG) in Type 4 Cylinder and as alternative replacement of existing LPG steel cylinder. The inner liner (3) has at least one opening to install the valve which is connected liquid and gas tight to the surface of the filament wound fiber reinforced cylinder surface.

IPC 8 full level

B29C 44/32 (2006.01)

CPC (source: EP)

B29C 49/20 (2013.01); **B29C 53/821** (2013.01); **B29C 2049/2008** (2013.01); **B29C 2049/2017** (2013.01); **B29L 2031/7156** (2013.01); **F17C 2203/0604** (2013.01); **F17C 2203/0658** (2013.01); **F17C 2209/2127** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007114681 A1 20071011; CN 101336155 A 20081231; EP 2004379 A1 20081224; EP 2004379 A4 20100505; MY 143720 A 20110630

DOCDB simple family (application)

MY 2006000021 W 20060918; CN 200680052142 A 20060918; EP 06812694 A 20060918; MY PI20061403 A 20060330