

Title (en)
PRESS FITTING DEVICE

Title (de)
EINPRESSVORRICHTUNG

Title (fr)
DISPOSITIF DE RACCORDEMENT À LA PRESSE

Publication
EP 4267877 A1 20231101 (EN)

Application
EP 21844399 A 20211221

Priority
• IT 202000031820 A 20201222
• IB 2021062067 W 20211221

Abstract (en)
[origin: WO2022137101A1] A fitting device (100) to a plastic pipe of a fluidic system is described comprising: a fitting body (1) having a coupling portion (2) to a component of the system and a tubular portion (3) configured to house an end of the plastic piping (4). The fitting body (1) being obtained in one piece or obtained by a connection between the coupling portion (2) and the tubular portion (3) of a permanent type. The device further comprises a sleeve element (14) disposed in the tubular portion (3) and configured to be surrounded by the end of the plastic tubing (4) when inserted into the tubular portion (3). The tubular portion (3) of the fitting body (1) is plastically deformable so as to reduce, under the action of compression, its radial extension and compress the plastic tube end (4) onto the sleeve element (14)

IPC 8 full level
F16L 25/02 (2006.01); **B21D 1/00** (2006.01); **B23K 1/00** (2006.01); **B60H 1/00** (2006.01); **E03C 1/00** (2006.01); **E03C 1/02** (2006.01); **F16L 33/01** (2006.01); **F16L 33/207** (2006.01)

CPC (source: EP)
F16L 25/02 (2013.01); **F16L 33/01** (2013.01); **F16L 33/207** (2013.01); **F16L 33/2073** (2013.01); **F16L 13/02** (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022137101 A1 20220630; CN 116635168 A 20230822; EP 4267877 A1 20231101

DOCDB simple family (application)
IB 2021062067 W 20211221; CN 202180084032 A 20211221; EP 21844399 A 20211221