

Title (en)
FITTING ASSEMBLY UNIT

Title (de)
FITTING-MONTAGEBAUGRUPPE

Title (fr)
MODULE D'ASSEMBLAGE À RACCORD

Publication
EP 2038574 A1 20090325 (DE)

Application
EP 07726019 A 20070614

Priority
• EP 2007005255 W 20070614
• DE 202006010350 U 20060630

Abstract (en)
[origin: WO2008000359A1] The invention relates to a fitting assembly unit which comprises a connecting fitting (4) having at least one connecting piece (3) onto which a pipe (2) can be slid. A plastic holding ring (26) projects beyond a compression sleeve (36) in at least some sections and is snap-connected to the connecting piece (3). The plastic holding ring (26) is permanently fixed to the compression sleeve (36) in a position that is defined in the axial direction of the connecting piece (3). Compression pliers having compression cheeks (41) are used to fix the compression sleeve (36). A compression web (43) of the compression pliers (36) is axially directly adjacent to the holding ring (26). An additional compression web (44) extends in the vicinity of a free end (37) of the compression sleeve (36). A third, central compression web (42) extending at the level of an annular groove (17) for a sealing ring (20) has an axial length that has a ratio to an overall compression width of the compression cheek (41) of approximately 1:2.5 to 1:3.5. The invention provides a fitting assembly unit the plastic holding ring (26) of which is prevented from undesired deformations while at the same time allowing the compression sleeve (36) to be securely compressed.

IPC 8 full level
F16L 33/207 (2006.01)

CPC (source: EP)
F16L 13/143 (2013.01); **F16L 33/2078** (2013.01)

Citation (search report)
See references of WO 2008000359A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
DE 202006010350 U1 20071108; EP 2038574 A1 20090325; WO 2008000359 A1 20080103

DOCDB simple family (application)
DE 202006010350 U 20060630; EP 07726019 A 20070614; EP 2007005255 W 20070614