

Title (en)

CONNECTING DEVICE, IN PARTICULAR IN THE FORM OF A HOSE COUPLING

Title (de)

VERBUNDUNGSVORRICHTUNG, INSBESONDERE IN FORM EINER SCHLAUCHKUPPLUNG

Title (fr)

DISPOSITIF DE LIAISON, EN PARTICULIER SOUS LA FORME D'UN RACCORD DE TUYAUX

Publication

EP 3452746 A1 20190313 (DE)

Application

EP 17714394 A 20170329

Priority

- DE 102016005301 A 20160502
- EP 2017000382 W 20170329

Abstract (en)

[origin: CA3022647A1] A connecting device, in particular in the form of a hose coupling, with two coupling parts (3, 5) which are connectable to each other and are releasable again from each other and of which the one (3) uses a securing device (51) to secure a connecting hose (1) which produces a fluid-conducting connection to a connecting channel (15) of the other coupling part (5) in the coupled state, and with a sealing system (37, 71) which has a sealing ring (37) which, arranged in the region of the free end (7) of a coupling part (3), surrounds the accommodated connecting hose in a sealing manner, is characterized in that the sealing ring (37) projects over the free end (7) of the one coupling part (3) outwards towards the environment by a pre-determinable axial excess length, with a sealing surface (39) for the connecting hose (1) being formed.

IPC 8 full level

F16L 19/06 (2006.01); **F16L 19/065** (2006.01); **F16L 33/32** (2006.01); **F16L 47/04** (2006.01)

CPC (source: EP US)

F16L 19/061 (2013.01 - EP US); **F16L 19/0653** (2013.01 - EP US); **F16L 33/32** (2013.01 - EP US); **F16L 47/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2017190822A1

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

DOCDB simple family (publication)

DE 102016005301 A1 20171102; CA 3022647 A1 20171109; EP 3452746 A1 20190313; US 2019145557 A1 20190516;
WO 2017190822 A1 20171109

DOCDB simple family (application)

DE 102016005301 A 20160502; CA 3022647 A 20170329; EP 17714394 A 20170329; EP 2017000382 W 20170329;
US 201716098179 A 20170329