

Title (en)  
Underwater connector

Title (de)  
Unterwasserverbinder

Title (fr)  
Connecteur sous-marin

Publication  
**EP 2869409 A1 20150506 (EN)**

Application  
**EP 13191093 A 20131031**

Priority  
EP 13191093 A 20131031

Abstract (en)  
A connector for use underwater or in a wet or severe environment is provided. A first connector part and a second connector part of the connector are adapted to have a mated position in which the first connector part and the second connector part are engaged with each other for establishing a connection. A locking mechanism of the connector is adapted to lock the first connector part to the second connector part in a mated position. The first connector part has a handle portion. The first connector part is configured such that by manipulating the handle portion of the first connector part, the first connector part can be disengaged from the second connector part when the locking mechanism is in a released state. The locking mechanism has a release element which is separate from the handle portion.

IPC 8 full level  
**H01R 13/523** (2006.01); **E21B 33/038** (2006.01); **H01R 13/639** (2006.01)

CPC (source: EP US)  
**E21B 33/0385** (2013.01 - EP US); **H01R 13/523** (2013.01 - EP); **H01R 13/639** (2013.01 - EP); **H01R 13/6271** (2013.01 - EP)

Citation (search report)  
• [XYI] GB 2271621 A 19940420 - OCEANEERING INT INC [US]  
• [X] EP 2383428 A2 201111102 - HYDRIL USA MFG LLC [US]  
• [Y] EP 0902505 A2 19990317 - HYDRO BOND ENGINEERING LIMITED [GB]

Cited by  
CN108860010A; GB2616275A; JP2021518734A; WO2023166280A3; WO2018099869A1; US11677180B2

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)  
**EP 2869409 A1 20150506**; EP 3063837 A1 20160907; EP 3063837 B1 20200311; WO 2015062858 A1 20150507

DOCDB simple family (application)  
**EP 13191093 A 20131031**; EP 14786836 A 20141014; EP 2014072008 W 20141014