

Title (en)  
COUPLER

Title (de)  
KOPPLER

Title (fr)  
COUPLEUR

Publication  
**EP 4015733 A1 20220622 (EN)**

Application  
**EP 20215469 A 20201218**

Priority  
EP 20215469 A 20201218

Abstract (en)  
A coupler for coupling a first elongated element having a first end portion to a second elongated element having a second end portion is disclosed. The coupler comprises a first coupling element and a second coupling element, wherein the first coupling element comprises a first attachment portion for attaching the first coupling element to the first end portion, and a screw portion having a male thread, and wherein the second coupling element comprises a second attachment portion for attaching the second coupling element to the second end portion, and a nut portion having a female thread fitting on the male thread, thereby fastening the first coupling element to the second coupling element. The male thread comprises two or more individual threads.

IPC 8 full level  
**E04C 5/16** (2006.01)

CPC (source: EP)  
**E04C 5/165** (2013.01)

Citation (search report)

- [X] EP 0098099 A2 19840111 - CCL SYSTEMS LTD [GB]
- [A] WO 9936642 A1 19990722 - JOHNSON TERENCE LESLIE [GB], et al
- [A] US 7032286 B2 20060425 - WANG TIEN FA [TW]
- [A] US 2016177992 A1 20160623 - LIN LUNG-CHANG [TW]
- [A] GB 2327247 A 19990120 - BICO DRILLING TOOLS INC [US]
- [A] US 5305573 A 19940426 - BAUMANN HANNES U [US]

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

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