

Title (en)  
TRENCH CUTTING APPARATUS

Title (de)  
GRABENSCHNEIDVORRICHTUNG

Title (fr)  
APPAREIL DE DÉCOUPE DE TRANCHÉE

Publication  
**EP 2981657 A1 20160210 (EN)**

Application  
**EP 14715589 A 20140404**

Priority  
• EP 13162482 A 20130405  
• EP 2014056805 W 20140404  
• EP 14715589 A 20140404

Abstract (en)  
[origin: EP2787126A1] A trench cutting apparatus (2) for cutting a trench in the sea bed supporting a pipe is disclosed. The apparatus comprises a tractor (8) and tracks (14) for engaging the sea bed and supporting the tractor. A first chain cutter (18) for cutting a first trench portion in the sea bed on a first side of the pipe cooperates with a second chain cutter (20) for cutting a second trench portion on a second side of the pipe and the first and second chain cutters are spaced from each other in a direction of travel of the apparatus, such that the first and second chain cutters cooperate with each other to form a trench (28) below the pipe while leaving uncut sea bed material 34 between the pipe and the trench.

IPC 8 full level  
**E02F 5/10** (2006.01)

CPC (source: EP)  
**E02F 3/10** (2013.01); **E02F 3/8866** (2013.01); **E02F 5/105** (2013.01); **E02F 5/109** (2013.01)

Citation (search report)  
See references of WO 2014161984A1

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 2787126 A1 20141008**; CN 105143563 A 20151209; EA 201591636 A1 20160429; EP 2981657 A1 20160210; WO 2014161984 A1 20141009

DOCDB simple family (application)  
**EP 13162482 A 20130405**; CN 201480020237 A 20140404; EA 201591636 A 20140404; EP 14715589 A 20140404;  
EP 2014056805 W 20140404