

Title (en)
DRAWWORKS SYSTEM

Title (de)
HEBEWERKSYSTEM

Title (fr)
SYSTÈME DE TREUIL DE FORAGE

Publication
EP 2976289 A4 20170322 (EN)

Application
EP 14768983 A 20140314

Priority
• US 201361803730 P 20130320
• US 2014027210 W 20140314

Abstract (en)
[origin: US2014284108A1] An example drawworks may include an electrical drive motor and an output shaft driven by the electrical drive motor. A worm gear may be coupled to the output shaft and a bull gear may be engaged with the worm gear. A wireline drum may be coupled to the bull gear and receive rotation from the electrical drive motor through the bull gear. The electrical drive motor, worm gear, and bull gear may comprise a drive unit that is removably coupled to the wireline drum. The wireline drum may form a drum unit with at least one spigot coupled to the drum, which may be removably coupled to the drive unit.

IPC 8 full level
E21B 19/00 (2006.01); **B66D 1/14** (2006.01); **E21B 19/084** (2006.01)

CPC (source: EP US)
B66D 1/14 (2013.01 - EP US); **E21B 19/008** (2013.01 - EP US); **E21B 19/084** (2013.01 - EP US)

Citation (search report)
• [XYI] US 2587638 A 19520304 - MEIER JOHANN H
• [IY] US 1923694 A 19330822 - WEAVER CAIUS E
• [IY] US 1925012 A 19330829 - TAYLOR WILLIAM G
• [IY] US 4625946 A 19861202 - CLARK JR CHARLES W [US], et al
• [Y] US 2008277637 A1 20081113 - HEINRICHS PETER [DE]
• [Y] WO 9811011 A1 19980319 - CONTINENTAL EMSCO CO [US]
• [Y] US 7533868 B2 20090519 - CHOLINSKI ANDRZEJ [CH], et al
• [A] US 2298222 A 19421006 - PHELAN MCSHANE
• [A] US 647239 A 19000410 - SPRAGUE FRANK J [US]
• See references of WO 2014152323A1

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

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EP 2976289 A1 20160127; EP 2976289 A4 20170322; RU 2015140947 A 20170425; SG 11201507094U A 20151029;
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