

Title (en)

Marine pipeline trenching plough.

Title (de)

Meerespipeline-Grabenpflug.

Title (fr)

Charrue à effondrer pour oléoduc marin.

Publication

**EP 0164202 A1 19851211 (EN)**

Application

**EP 85302860 A 19850424**

Priority

US 60807684 A 19840507

Abstract (en)

A combination trenching and pipe laying device (10) comprising a plow assembly (24) having at least two plows (38, 40, 42) thereof of progressively increasing depth wherein the leading plow initially opens the trench and the succeeding plow or plows increase the depth of the trench to a desired ultimate depth thereof, pipe laying apparatus (82) carried by the plow assembly (24) for laying of the pipe (88) in the trench substantially immediately behind the hindmost or trailing plow and load cells (98) or sensing devices provided on the pipe laying apparatus for detecting the physical orientation of the pipe on the apparatus in order that the optimum position of the pipe may be maintained during the pipe laying operation.

IPC 1-7

**F16L 1/04**; E02F 5/02; B63B 35/04

IPC 8 full level

**E02F 5/10** (2006.01); **F16L 1/26** (2006.01)

CPC (source: EP)

**E02F 5/104** (2013.01); **E02F 5/106** (2013.01)

Citation (search report)

- DE 2815673 A1 19781019 - GIBSON IND
- FR 2475681 A1 19810814 - COFLEXIP [FR]
- FR 2455235 A1 19801121 - COFLEXIP

Cited by

EP0801177A3; CN114411854A; WO0149946A1

Designated contracting state (EPC)

BE DE FR GB IT NL SE

DOCDB simple family (publication)

**EP 0164202 A1 19851211**; AU 4201085 A 19851114; BR 8502144 A 19860107; DK 186085 A 19851108; DK 186085 D0 19850425; ES 542860 A0 19860416; ES 8606562 A1 19860416; IN 163821 B 19881119; JP S6110636 A 19860118; NO 851765 L 19851108; PT 80387 A 19850601; PT 80387 B 19861020

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**EP 85302860 A 19850424**; AU 4201085 A 19850506; BR 8502144 A 19850506; DK 186085 A 19850425; ES 542860 A 19850506; IN 355DE1985 A 19850426; JP 9655085 A 19850507; NO 851765 A 19850503; PT 8038785 A 19850503