

Title (en)
DEVICE FOR HANDLING AND SETTING DRILL PIPES IN A DERRICK

Publication
EP 0258705 B1 19920422 (DE)

Application
EP 87111744 A 19870813

Priority
DE 3629946 A 19860903

Abstract (en)
[origin: US4862973A] A drilling derrick device for handling drill-pipe stands has at least one movable racking platform with pipe-stand receiving compartments, supported above the working deck of the derrick, at least one racking carriage associated with the racking platform and movable on the working deck and a pivotable drill-pipe robot having gripping arms to load and unload the racking platform and the racking carriage. The racking platform and the racking carriage are moved in synchronism relative to the drill-pipe robot which has a fixed position on the working deck in order to perform drill string dismantling and assembly operations.

IPC 1-7
E21B 15/00; **E21B 19/14**

IPC 8 full level
E21B 15/00 (2006.01); **E21B 19/14** (2006.01)

CPC (source: EP KR US)
E21B 15/00 (2013.01 - EP KR US); **E21B 19/14** (2013.01 - EP US)

Cited by
WO2008012580A1; WO2015043740A1

Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
EP 0258705 A2 19880309; **EP 0258705 A3 19890301**; **EP 0258705 B1 19920422**; CA 1285930 C 19910709; DE 3629946 A1 19880310; DE 3629946 C2 19880728; DE 3778456 D1 19920527; JP H0581715 B2 19931115; JP S63134783 A 19880607; KR 880004196 A 19880602; NO 873673 D0 19870901; NO 873673 L 19880304; US 4862973 A 19890905

DOCDB simple family (application)
EP 87111744 A 19870813; CA 545973 A 19870902; DE 3629946 A 19860903; DE 3778456 T 19870813; JP 21930887 A 19870903; KR 870009670 A 19870901; NO 873673 A 19870901; US 9073187 A 19870828