

Title (en)

HANDLING DEVICE FOR DRILL RODS AND SO-CALLED TOP DRIVE HAVING SUCH A HANDLING DEVICE

Title (de)

HANDHABUNGSGERÄT FÜR BOHRGESTÄNGE UND SOGENANNTER TOPDRIVE MIT EINEM SOLCHEN HANDHABUNGSGERÄT

Title (fr)

APPAREIL DE MANUTENTION POUR TRAIN DE TIGES ET TOP DRIVE POURVU D'UN TEL APPAREIL DE MANUTENTION

Publication

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Application

EP 12794228 A 20121119

Priority

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- EP 2012073016 W 20121119

Abstract (en)

[origin: WO2013092055A2] The invention relates to a handling unit for drill rods, having an elevator bracket (30), which can be pivoted by means of a tilt arm (34) under the influence of a tilt cylinder (32), and means (42) for the detecting a position of the at least one elevator bracket (30). The handling unit comprises at least one valve (50) as means for the position detection of the or each elevator bracket (30) and as part of a hydraulic switching control circuit (54) that continues outside the handling unit and at least one connecting member (52) for the at least one valve (50), which member can be moved by means of a movement of the tilt arm (34), wherein the or each valve (50) opens the hydraulic switching control circuit (54) when the connecting member (52) is in a first position and wherein the or each valve (50) closes the hydraulic switching control circuit (54) when the connecting member (52) is in a second position, such that the state of the switching control circuit (54) can be evaluated as position information.

IPC 8 full level

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