

Title (en)

RIG WITH CLOG FREE HIGH VOLUME DRILL CUTTING AND WASTE PROCESSING SYSTEM

Title (de)

BOHRANLAGE MIT VERSTOPFUNGSFREIEM HOCHVOLUMIGEM BOHRSCHEIDEN UND ABFALLVERARBEITUNGSSYSTEM

Title (fr)

APPAREIL DE FORAGE AYANT UN SYSTÈME DE TRAITEMENT DE DÉBLAIS DE FORAGE ET DE DÉCHETS DE GRAND VOLUME SANS OBSTRUCTION

Publication

EP 2976405 A4 20161228 (EN)

Application

EP 13878964 A 20130528

Priority

- US 201313848456 A 20130321
- US 2013042923 W 20130528

Abstract (en)

[origin: WO2014149066A1] A drilling rig with rig buffer storage and optional surge tank for receiving and processing drill cuttings and waste made of a drilling rig, having a tank in a frame with an inlet and an outlet, a moveable weir for expanding to accommodate additional drill cuttings, a central sweep member for cutting the drill cuttings and waste opposite a peripheral outer ring with peripheral cutting members, a controller for controlling rates of flow into and out of the rig buffer storage and the central sweep member rotation via a motor with reduction gear and wherein a first transportation system moves waste from the well bore to the rig buffer storage and a second transportation system moves cut waste and cut drill cuttings to a post treatment system, a skip, or a vessel for transport to another location.

IPC 8 full level

C09K 8/02 (2006.01); **E21B 21/06** (2006.01)

CPC (source: EP)

E21B 21/066 (2013.01)

Citation (search report)

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- [Y] US 2007256861 A1 20071108 - HULICK KENT E [US]
- [A] US 2006102390 A1 20060518 - BURNETT GEORGE A [GB], et al
- See references of WO 2014149066A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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