

Title (en)

Mining machine cutting head drive assembly

Title (de)

Bergbaumaschinenschneidkopf-Antriebsmontage

Title (fr)

Ensemble d'entraînement de la tête de coupe de machine d'exploitation minière

Publication

EP 2821589 B1 20151028 (EN)

Application

EP 13175080 A 20130704

Priority

EP 13175080 A 20130704

Abstract (en)

[origin: EP2821589A1] A mining machine (100) to extract material from a deposit in which a rotatable cutting head (115) is mounted at a boom (105) and is capable of being raised and lowered at the cutting face. The machine comprises a single motor (400) to drive rotation of the cutting head (115) with the motor mounted at the cutting boom immediately behind the rotating head. A gear assembly (401) is also mounted at the cutting boom (105) and is coupled to the drive motor (400) via an elongate shaft (402).

IPC 8 full level

E21C 27/24 (2006.01); **E21C 31/02** (2006.01)

CPC (source: EP)

E21C 27/24 (2013.01); **E21C 31/02** (2013.01)

Cited by

CN107023290A; CN111684143A; US11299987B2; WO2019149354A1

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

DOCDB simple family (publication)

EP 2821589 A1 20150107; **EP 2821589 B1 20151028**; CN 204283425 U 20150422; RU 2016103379 A 20170810; WO 2015000710 A2 20150108; WO 2015000710 A3 20150903

DOCDB simple family (application)

EP 13175080 A 20130704; CN 201420372083 U 20140704; EP 2014062912 W 20140619; RU 2016103379 A 20140619