

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

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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