

Title (en)
DEVICE FOR A ROCK FEEDER USED IN UNDERGROUND APPLICATIONS

Title (de)
VORRICHTUNG FÜR EINEN IN UNTERTAGEANWENDUNGEN VERWENDETEN GESTEINSZUFÜHRER

Title (fr)
DISPOSITIF POUR UN DISTRIBUTEUR DE ROCHE UTILISÉ DANS DES APPLICATIONS SOUTERRAINES

Publication
EP 3231988 A1 20171018 (EN)

Application
EP 16164966 A 20160412

Priority
EP 16164966 A 20160412

Abstract (en)
A rock feeder deflector device (30) for a rock feeder (10) used in underground mining applications. The rock feeder (10) has a material transport portion (20) for transporting rock material (12) to a conveyor (14). The rock feeder deflector device (30) comprises a mounting portion (36) configured to be connected to the rock feeder (10); a guiding plate (38) movably connected to the mounting portion (36); and a moving mechanism (42) arranged between the mounting portion (36) and the guiding plate (38). The moving mechanism (42) is configured to move the guiding plate (38) relative to the mounting portion (36) between an operative position configured to guide rock material (12) to the material transport portion (20) and an inoperative position.

IPC 8 full level
E21F 13/06 (2006.01)

CPC (source: EP US)
E21F 13/061 (2013.01 - EP US)

Citation (search report)

- [X] US 1585399 A 19260518 - MCCASLAND ROBERT W
- [A] US 2013214585 A1 20130822 - ZIMMERMAN JOSEPH J [US], et al
- [A] US 4865390 A 19890912 - SHRADER SAMUEL E [US], et al
- [A] AU 2014256811 A1 20150910 - BASUALTO LIRA GUILLERMO [CL]

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3231988 A1 20171018; AU 2017249384 A1 20181115; CA 3020428 A1 20171019; CL 2018002862 A1 20190125; RU 2018138014 A 20200429; US 2019120051 A1 20190425; WO 2017178425 A1 20171019

DOCDB simple family (application)
EP 16164966 A 20160412; AU 2017249384 A 20170410; CA 3020428 A 20170410; CL 2018002862 A 20181008; EP 2017058544 W 20170410; RU 2018138014 A 20170410; US 201716090671 A 20170410