

Title (en)
MILLING DEVICE FOR EXCAVATING MINING MATERIALS

Title (de)
FRÄSVORRICHTUNG ZUM AUSHEBEN VON BERGBAUMATERIAL

Title (fr)
DISPOSITIF DE BROYAGE POUR L'EXCAVATION DE MATÉRIAUX MINIERES

Publication
EP 3365530 A1 20180829 (EN)

Application
EP 16822106 A 20161207

Priority
• DE 102015016269 A 20151215
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Abstract (en)
[origin: CA3008236A1] A milling device (14) for excavating mining materials (260) is disclosed. The milling device (14) comprises a milling drum (15) rotatable about a drum axis (200); a first group of excavating heads (18, 18', 18'') arranged around a periphery of the milling drum (15) and driven to rotate about a first rotational axis (210) extending substantially radially to the drum axis (200); and a second group of excavating heads (20, 20', 20'', 20''') arranged around the periphery of the milling drum (15) and rotatable about a second rotational axis (212) extending substantially radially to the drum axis (200). The first group of excavating heads (18, 18', 18'') includes a plurality of first excavating tools (60, 60') configured to perform a first, cutting operation, and the second group of excavating heads (20, 20', 20'', 20''') includes a plurality of second excavating tools (267) configured to perform a second excavating operation different from the first, cutting operation.

IPC 8 full level
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CPC (source: EP US)
E21C 27/22 (2013.01 - EP US); **E21C 27/24** (2013.01 - EP US); **E21D 9/1026** (2013.01 - EP US)

Citation (search report)
See references of WO 2017102070A1

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DE 102015016269 A1 20170622; AU 2016373625 A1 20180719; CA 3008236 A1 20170622; CL 2018001582 A1 20180914; CN 108368740 A 20180803; EP 3365530 A1 20180829; JP 2019502845 A 20190131; RU 2018123352 A 20191230; RU 2018123352 A3 20200221; US 2018363462 A1 20181220; WO 2017102070 A1 20170622

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