

Title (en)

ELECTRIC LOAD-HAUL-DUMP MINING MACHINE

Title (de)

ELEKTRISCHE LADE-TRANSPORT-ABSETZ-BERGBAUMASCHINE

Title (fr)

MACHINE D'EXPLOITATION MINIÈRE À CHARGEMENT ET DÉCHARGEMENT DE CHARGES ÉLECTRIQUES

Publication

EP 3847314 A1 20210714 (EN)

Application

EP 19857646 A 20190906

Priority

- US 201862727930 P 20180906
- US 201916434390 A 20190607
- US 2019050007 W 20190906

Abstract (en)

[origin: WO2020051489A1] An electric vehicle may include a frame, a set of wheels, and a bucket. In addition, the vehicle may include an electric propulsion system comprising one or more electric motors and one or more electric power sources configured to deliver power to the one or more electric motors. Further, the vehicle may have a payload capacity, the payload capacity being a weight of material that can be loaded into the bucket and transported by the electric vehicle; and the payload capacity may be at least approximately 10 metric tons.

IPC 8 full level

E02F 9/20 (2006.01); **E02F 3/342** (2006.01); **E02F 9/02** (2006.01)

CPC (source: EP US)

E02F 3/3411 (2013.01 - EP); **E02F 9/0841** (2013.01 - EP); **E02F 9/0858** (2013.01 - EP); **E02F 9/18** (2013.01 - US); **E02F 9/207** (2013.01 - EP US); **E02F 9/2075** (2013.01 - EP)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2020051489 A1 20200312; AU 2019335037 A1 20210311; BR 112021003979 A2 20210525; CA 3108567 A1 20200312; CL 2021000541 A1 20210723; CN 112789382 A 20210511; EP 3847314 A1 20210714; EP 3847314 A4 20221102; MX 2021002599 A 20210512; PE 20210600 A1 20210323; US 2020157769 A1 20200521

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