

Title (en)

TUNNELING FOR UNDERGROUND POWER AND PIPELINES

Title (de)

TUNNELUNG FÜR UNTERIRDISCHE STROM- UND ROHRLEITUNGEN

Title (fr)

CREUSEMENT DE TUNNEL POUR CÂBLES ET PIPELINES SOUTERRAINS

Publication

EP 3679219 A1 20200715 (EN)

Application

EP 18865333 A 20181114

Priority

US 2018060961 W 20181114

Abstract (en)

[origin: WO2020101666A1] A tunnel boring machine including a propulsion system, an enclosure carried by the propulsion system, and a torch support structure carried by the enclosure. The torch support structure can include a primary disc mounted on a rotatable shaft carried by the enclosure, a first plurality of plasma torches mounted to the primary disc, and a power supply cable coupled to the enclosure and adapted to supply power to the boring machine from one or more power sources.

IPC 8 full level

E21B 7/14 (2006.01); **E21B 7/15** (2006.01); **E21D 9/10** (2006.01); **E21D 13/00** (2006.01)

CPC (source: EP)

E21B 7/14 (2013.01); **E21B 7/15** (2013.01); **E21D 9/1073** (2013.01); **E21D 13/00** (2013.01)

Cited by

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2020101666 A1 20200522; AU 2018438150 A1 20200528; CA 3071757 A1 20200514; EP 3679219 A1 20200715; EP 3679219 A4 20200715

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