

Title (en)

LOGGER DEVICE FOR BLASTING OPERATIONS AND METHOD OF USE

Title (de)

REGISTRIERVORRICHTUNG FÜR SPRENGOPERATIONEN UND ANWENDUNGSVERFAHREN

Title (fr)

DISPOSITIF ENREGISTREUR POUR DES OPÉRATIONS DE TIR ET PROCÉDÉ POUR SON UTILISATION

Publication

EP 2488822 A2 20120822 (EN)

Application

EP 10771265 A 20101012

Priority

- US 25102409 P 20091013
- US 2010052269 W 20101012

Abstract (en)

[origin: US2011083574A1] An electrical interface apparatus includes two electrical input terminals, a microprocessor disposed in electrical communication with the two electrical input terminals, and a connector disposed in electrical communication with the microprocessor. The two input terminals are disposed and configured to be releasably connected to two detonator leg wires of a detonator, the microprocessor is configured to receive an input signal from the two detonator leg wires when a voltage reference is injected into the two detonator leg wires via the two electrical input terminals, and the connector is disposed and configured to be releasably connected to a handheld computer.

IPC 8 full level

F42D 1/055 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2011046907A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 2011083574 A1 20110414; AR 078611 A1 20111123; BR 112012008609 A2 20160405; CA 2771814 A1 20110421; EP 2488822 A2 20120822; MX 2012004277 A 20120608; WO 2011046907 A2 20110421; WO 2011046907 A3 20111006; ZA 201201646 B 20121128

DOCDB simple family (application)

US 90381810 A 20101013; AR P100103721 A 20101012; BR 112012008609 A 20101012; CA 2771814 A 20101012; EP 10771265 A 20101012; MX 2012004277 A 20101012; US 2010052269 W 20101012; ZA 201201646 A 20120306