

Title (en)

ELECTRONIC DETONATOR SPOOL AND DETONATOR COMPRISING SUCH A SPOOL

Title (de)

ELEKTRONISCHE ZÜNDERSPULE UND ZÜNDER MIT EINER SOLCHEN SPULE

Title (fr)

BOBINE DE DÉTONATEUR ÉLECTRONIQUE ET DÉTONATEUR COMPRENANT UNE TELLE BOBINE

Publication

EP 4396523 A1 20240710 (FR)

Application

EP 22773755 A 20220831

Priority

- FR 2109153 A 20210901
- FR 2022051637 W 20220831

Abstract (en)

[origin: WO2023031555A1] Detonator spool (10) comprising at least one body (11) configured to receive a cable wound around the body, the body (11) comprising at least one housing configured to receive a primer, an electronic control module housing (16a) configured to receive an electronic control module (50), and a bore (14) forming a hub configured to rotate the body of the spool (10); and detonator comprising such a spool (10).

IPC 8 full level

F42D 1/00 (2006.01)

CPC (source: EP KR)

B65H 75/14 (2013.01 - KR); **B65H 75/185** (2013.01 - KR); **F42C 19/12** (2013.01 - KR); **F42D 1/00** (2013.01 - EP); **F42D 1/04** (2013.01 - KR); **B65H 2701/39** (2013.01 - KR)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

FR 3126484 A1 20230303; **FR 3126484 B1 20230901**; AR 126962 A1 20231206; AU 2022339077 A1 20240321; CA 3230752 A1 20230309; CN 118076856 A 20240524; CO 2024002223 A2 20240530; EP 4396523 A1 20240710; KR 20240055029 A 20240426; MX 2024002512 A 20240315; TW 202311700 A 20230316; WO 2023031555 A1 20230309

DOCDB simple family (application)

FR 2109153 A 20210901; AR P220102374 A 20220901; AU 2022339077 A 20220831; CA 3230752 A 20220831; CN 202280068082 A 20220831; CO 2024002223 A 20240226; EP 22773755 A 20220831; FR 2022051637 W 20220831; KR 20247010229 A 20220831; MX 2024002512 A 20220831; TW 111133162 A 20220901