

Title (en)

BLASTING PROBE FOR INTRODUCING A GRANULAR BLASTING MATERIAL INTO A CAVITY

Title (de)

STRAHLSONDE ZUM EINBRINGEN EINES KÖRNIGEN STRAHLGUTS IN EINEN HOHLRAUM

Title (fr)

SONDE DE PROJECTION CONÇUE POUR INTRODUIRE UNE MATIÈRE DE GRENAILLAGE DANS UNE CAVITÉ

Publication

**EP 3568261 A1 20191120 (DE)**

Application

**EP 18700211 A 20180110**

Priority

- DE 202017100159 U 20170113
- EP 2018050507 W 20180110

Abstract (en)

[origin: CA3050032A1] The invention relates to a blasting probe (10) for introducing a granular blasting material into a cavity, in particular into a narrow coked cavity, such as an inlet channel (18) of a valve (19) of a combustion engine, in particular for the cleaning thereof, comprising a blasting pipe (28) that can be connected to a blasting material supply line (11) by a rear end, and a blasting nozzle (27) on the front end of the blasting pipe (28), which has at least one outlet opening (29) for the blasting material, which is positioned radially in relation to the longitudinal axis (31) of the blasting pipe (28) and which is assigned an impact surface (30) arranged transverse to the longitudinal axis (31) of the blasting pipe (28).

IPC 8 full level

**B24C 3/32** (2006.01); **B24C 5/04** (2006.01); **F02B 77/04** (2006.01)

CPC (source: EP US)

**B24C 3/325** (2013.01 - EP US); **B24C 5/04** (2013.01 - EP US); **F02B 77/04** (2013.01 - EP); **B24C 5/06** (2013.01 - US); **F01L 2800/17** (2013.01 - US); **F02B 77/04** (2013.01 - US); **F02M 65/007** (2013.01 - US)

Citation (search report)

See references of WO 2018130540A1

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

DOCDB simple family (publication)

**DE 202017100159 U1 20170127**; BR 112019014324 A2 20200211; CA 3050032 A1 20180719; CA 3050032 C 20210330; CN 110191782 A 20190830; CN 110191782 B 20210629; EP 3568261 A1 20191120; EP 3568261 B1 20210901; ES 2898750 T3 20220308; US 2019366507 A1 20191205; WO 2018130540 A1 20180719

DOCDB simple family (application)

**DE 202017100159 U 20170113**; BR 112019014324 A 20180110; CA 3050032 A 20180110; CN 201880006739 A 20180110; EP 18700211 A 20180110; EP 2018050507 W 20180110; ES 18700211 T 20180110; US 201816477751 A 20180110