

Title (en)
BURNER MAINTENANCE TOOL

Title (de)
WERKZEUG FÜR BRENNERWARTUNG

Title (fr)
OUTIL DE MAINTENANCE POUR BRÛLEUR

Publication
EP 3728947 A1 20201028 (FR)

Application
EP 18833934 A 20181213

Priority
• FR 1762884 A 20171221
• FR 2018053274 W 20181213

Abstract (en)
[origin: WO2019122622A1] The present invention relates to a device (1) for cleaning the tips (70) of a burner (7) present on rotary kilns, said device (1) consists of a support tube (2) of axis X designed to pass through said burner, and it is characterized in that the support tube (2) comprises a metal cable (3) connected at one of its ends to a scraper (4) and at the other end to a system (5) for positioning the scraper and holding it in position, in that the scraper (4) is articulated on the support tube (2) between a first position aligned on the axis X extending from the support tube and a second position perpendicular to the axis X, and in that the support tube (2) is connected to a system (6) for rotating the whole device. It can be put in place and manipulated from the rear of the burner, which ensures safety for interventions. Its rotation and/or translation about the tip of the burner makes it possible to effectively clean off concretions of any kind (shape, hardness, etc.) or position.

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F23D 14/50 (2006.01)

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