

Title (en)

GRINDING AND CLEANING TOOL FOR GRINDING AND CLEANING THE INSIDE OF TUBING AND PIPES

Title (de)

SCHLEIF- UND REINIGUNGSWERKZEUG ZUM SCHLEIFEN UND REINIGEN DES INNEREN VON LEITUNGEN UND ROHREN

Title (fr)

OUTIL DE MEULAGE ET DE NETTOYAGE POUR MEULER ET NETTOYER L'INTÉRIEUR DE TUBES ET DE TUYAUX

Publication

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Application

EP 18710051 A 20180309

Priority

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Abstract (en)

[origin: WO2018162714A1] The invention relates to a tool (100) for grinding and cleaning the inside of pipes by utilising the centrifugal force due to the rotation of the tool. The tool has several grinding elements (105), made of a hard material, e.g. cemented carbide, that are pushed towards the inside of the pipe by centrifugal force when the tool is being rotated. The tool is attached to a rotating flexible shaft (102), providing rotational movement to the tool. The tool consists of a distal part (101), onto which a flexible shaft (102) is attached; there is a proximal part (103) adapted to guide the flexible shaft through its' center; at least two elongated and flexible linking members (104) connecting the distal part (101) with the proximal part (103); grinding elements (105) attached to or being an integrated part of said flexible linking members; and a resilient spacer member (106) that keeps the distal and proximal parts apart.

IPC 8 full level

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CPC (source: EP SE)

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