

Title (en)

WRENCH SOCKET FOR FIRE HYDRANT VALVE

Title (de)

STECKSCHLÜSSELEINSATZ FÜR EIN FEUERHYDRANTVENTIL

Title (fr)

DOUILLE DE CLÉ POUR SOUPAPE DE BORNE D'INCENDIE

Publication

EP 3395503 A1 20181031 (EN)

Application

EP 18169664 A 20180426

Priority

- IT 201700045639 A 20170428
- IT 201700045658 A 20170428

Abstract (en)

A wrench socket (1) is disclosed for a hydrant valve (B) that is provided with a body (co) having symmetrically opposed sides (la), a stem (st) and a handwheel (vo). The socket (1) comprises a front part (2) having a curved wall (20) provided with an opening (21) and inner surface (23), a rear part (4) for its coupling with a wrench and an intermediate part (3) joining the front part (2) to the rear part (4). The intermediate part (3) has an inner cavity (30, 31) designed to receive the stem (st) without the handwheel (vo) when the socket (1) is inserted on the valve (B), and the inner surface (23) is a continuous surface tangent to the symmetrically opposed sides (la) of the body (co) so that the socket (1) inserted on the valve (B) exerts a torque on the body (co) by means of the wrench for screwing or unscrewing the valve (B).

IPC 8 full level

B25B 13/06 (2006.01); **B25B 27/24** (2006.01)

CPC (source: EP)

B25B 13/06 (2013.01); **B25B 27/24** (2013.01)

Citation (search report)

- [XYI] US 5035162 A 19910730 - DOUGHERTY DAVID P [US]
- [Y] JP H0574768 U 19931012
- [X] US 2004035259 A1 20040226 - ERWIN CHRISTOPHER SCOTT [US]
- [A] EP 1447176 A1 20040818 - RENAULT SA [FR]
- [A] US 5005451 A 19910409 - LEE ROGER W [US], et al

Cited by

CN109015493A

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)

EP 3395503 A1 20181031

DOCDB simple family (application)

EP 18169664 A 20180426