

Title (en)

APPARATUS FOR GRINDING AND LAPPING SEALING SURFACES OF GATE VALVES AND THE LIKE IN-SITU OR IN THE SHOP

Publication

EP 0204958 B1 19880420 (DE)

Application

EP 86106166 A 19860506

Priority

DE 3517409 A 19850514

Abstract (en)

[origin: ES8705278A1] An apparatus for grinding and lapping sealing surfaces in slide valves and the like in situ or in the workshop has a base plate (21), a drive (6), and a rotatably mounted tool plate (3) which is connected to the drive (6) by a supporting element (4) and coupled to it by a transmission element. The supporting element (b 4) is supported releasably and with adjustable height on the base plate (21) by means of a clamping piece (7) of adjustable height and a guide piece (11 36). The guide piece (11 36) is mounted pivotably on the base plate (21). Rigidly connected to the guide piece (11 36) is a rocker (16) which is adjustable relative to the base plate (21) at one end. The strain occurring when such adjustment is made, in the rocker (16), the support (25) of the correcting element (28), the tool plate (3) or the other components which conduct force and/or moment, is assessed as a measure of the contact pressure of the tool plate (3). The strain may be indicated by a digital display (32) or a micrometer dial gauge (39).

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IPC 8 full level

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CPC (source: EP US)

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US5321918A; AU636061B2; US6409578B1

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EP 0204958 A1 19861217; **EP 0204958 B1 19880420**; AT E33575 T1 19880515; DE 3660129 D1 19880526; ES 555315 A0 19870501; ES 8705278 A1 19870501; JP H077086 Y2 19950222; JP S61274864 A 19861205; JP S6430150 U 19890223; NO 160059 B 19881128; NO 160059 C 19890308; NO 861908 L 19861117; US 4800684 A 19890131

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