

Title (en)

APPARATUS AND PROCESS FOR ELECTROCHEMICALLY POLISHING THE INNER SURFACES OF PIPES

Publication

EP 0247209 B1 19900718 (DE)

Application

EP 86106812 A 19860520

Priority

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Abstract (en)

[origin: US4772367A] An apparatus and a method serving for electrochemically polishing and/or pickling the inner surfaces (16) of pipes (10) provide for a polishing head (12) to be moved through the pipe. The polishing head (12) comprises a dielectric outer wall which defines a narrow working gap (28) together with the inner pipe surface (16) to be cleaned, the electrolyte flowing through said gap. This permits electrochemical polishing of high quality of the inside surface of the pipe with little consumption of electrolyte. The electrolyte stream may be divided into cathodic and anodic partial streams (30 and 32, respectively).

IPC 1-7

C25F 3/16; **C25F 7/00**

IPC 8 full level

C25F 1/04 (2006.01); **C25F 3/16** (2006.01); **C25F 7/00** (2006.01)

CPC (source: EP US)

C25F 3/16 (2013.01 - EP US); **C25F 7/00** (2013.01 - EP US)

Cited by

EP0607894A1; DE102016100558A1; EP4309811A1; US8286695B2; WO2017220633A1; US8201619B2; US8469081B2; DE102016100558B4

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