

Title (en)

PORTABLE EXPANDING APPARATUS AND METHOD FOR OPERATING A PORTABLE EXPANDING APPARATUS

Title (de)

HAND-AUFWEITGERÄT UND VERFAHREN ZUM BETREIBEN EINES HAND-AUFWEITGERÄTES

Title (fr)

OUTIL ÉLARGISSEUR À MAIN ET PROCÉDÉ POUR FAIRE FONCTIONNER UN OUTIL ÉLARGISSEUR DE TRAVAIL À MAIN

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Application

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Abstract (en)

[origin: WO2014049035A1] The invention relates to a portable tool having a working head that is actuated by an electric motor and/or a hydraulic means and has a working part, wherein the working part is displaceable in a displacement direction and the working head is rotatable together with the working part in the circumferential direction with respect to the displacement direction. For an advantageous configuration, it is proposed that the working head is rotatable together with the working part hydraulically and/or by the action of the motor. Furthermore, the invention relates to a portable expanding apparatus (1) for expanding pipe ends (37), having an expanding head (2) which has a plurality of segments (4), said segments (4) being arranged in a circular manner alongside one another transversely to an expanding direction and being displaceable radially with respect to the circular arrangement by means of an expanding mandrel (3) acting upon the segments (4). For an advantageous configuration, it is proposed that the segments (4) are rotatable together with the expanding mandrel hydraulically and/or by way of a motor in the circumferential direction of the circular arrangement. Furthermore, the invention relates to a hydraulic piston/cylinder arrangement. Moreover, the invention relates to a method for operating a portable tool and a motor-operated portable expanding apparatus.

IPC 8 full level

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