

Title (en)

LOCOMOTIVE OR TRACTOR FOR PULLING EQUIPMENT IN A PIPE OR DRILL HOLE

Title (de)

LOKOMOTIVE ODER TRAKTOR ZUM BEWEGEN VON GERÄTEN IN EINEM ROHR ODER BOHRLOCH

Title (fr)

LOCOTRACTEUR OU TRACTEUR POUR DEPLACER UN APPAREIL DANS UN TUYAU OU UN Puits DE FORAGE

Publication

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Application

EP 95910021 A 19950214

Priority

- NO 9500034 W 19950214
- NO 940493 A 19940214

Abstract (en)

[origin: WO9521987A1] A locomotive or tractor (3) for pulling wire/cable-operated equipment such as measuring, logging and processing equipment in a borehole, pipe etc., comprising a long body with means of propulsion, including one or more motors for propelling the tractor. The means of propulsion consist of at least one set of rollers (13), which can be rotated and are axially inclined in relation to the tractor, with a rounded surface which has a number of sharp parts or edges; the set of rollers (13) are arranged in connection with a driven unit (8), which rotates externally in relation to the support structure (16) of the tractor and which is provided with means (14) which are designed to move the rollers in a radial direction and press them (13) against the wall of the borehole or pipe wall. The tractor is also provided with at least one set of control wheels (31), which are freely supported in relation to the tractor, which can be moved, by means of other means (32, 33), in a radial direction in relation to the tractor and which are designed to roll along the pipe wall or wall of the borehole and keep the tractor centrally oriented in relation to the pipe or borehole and prevent the tractor from rotating.

IPC 1-7

E21B 23/00; **E21B 4/00**

IPC 8 full level

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CPC (source: EP)

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