

Title (en)

HANDLE FOR CONTROLLING A LIFTING DEVICE

Title (de)

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Title (fr)

POIGNEE DE COMMANDE DE DISPOSITIF DE LEVAGE

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Application

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Abstract (en)

[origin: WO2007032735A1] The object of the invention is to provide a cost-efficient technique for control handle for lifting devices, which withstand tough industrial environments with a minimum of maintenance and calibration. Said object is achieved by using a pressure sensor managing with great accuracy to measure pressures deviating from the atmospheric pressure. The sensor is connected to a cavity in the control handle, which partly consists of a resilient membrane, which is in its turn connected to the handle portion of the control handle in such a way that, when a vertical force is applied to the handle, a pressure deviation in the cavity being in proportion to the force. The pressure deviation measured by the sensor is read by a control unit, which in its turn controls the driving device performing the lifting operation itself.

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