

Title (en)

DEVICE FOR GUIDING SUPPLY TUBES/FEEDERS ALONG THE STRUCTURE OF AN INDUSTRIAL ROBOT

Title (de)

VORRICHTUNG ZUM FÜHREN VON VERSORGUNGSLEITUNGEN ENTLANG DER STRUKTUR EINES INDUSTRIEROBOTERS

Title (fr)

DISPOSITIF DE GUIDAGE DE LIGNES D'ALIMENTATION LE LONG DE LA STRUCTURE D'UN ROBOT INDUSTRIEL

Publication

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Application

**EP 08757934 A 20080416**

Priority

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Abstract (en)

[origin: WO2008125093A2] The invention relates to a device for guiding supply tubes/feeders (2) along the structure of an industrial robot (1). Said device movably guides the supply tubes/feeders (2) in a device section (3) which encompasses return motion means (10, 11) and is used for longitudinally compensating movements of several robot axes. Starting from a center of rotation (4), the supply tubes/feeders (2) are guided away in a first subsection (5) and are then guided on in a second subsection (6) in a substantially accurate and substantially circular manner and at a substantially constant distance from the center of rotation (4) in such a way that deflections of the supply tubes/feeders (2) in the first subsection (5) remain substantially static even during longitudinal compensation and the supply tubes/feeders (2) can be used at least in part as a spare length in the second subsection (6).

IPC 8 full level

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