

Title (en)

ARTICULATED ARM FOR TRANSFERRING FLUID PRODUCTS WITH U-SHAPED SPRING BALANCING

Title (de)

GELENKARM ZUM TRANSFER VON FLÜSSIGKEITEN MIT EINER GLEICHGEWICHTSFEDER IN "U"-FORM

Title (fr)

BRAS ARTICULE DE TRANSFERT DE PRODUITS FLUIDES A EQUILIBRAGE PAR RESSORT EN U

Publication

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Application

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Abstract (en)

[origin: FR2779422A1] The invention concerns an articulated arm for transferring fluid products comprising two tubular sections (7, 8+2) mutually linked by a pivoted connection (3) with horizontal axis, and a balancing device (4, 10) linked with each of the tubular sections to compensate torque variations about the pivoted connection axis while the two sections are rotating relatively. The invention is characterised in that the balancing device comprises a U-shaped spring (10) with two branches (11, 12) whereof the ends (11A, 12A) are each connected to a respective section.

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