

Title (en)

A device for detecting when a limit load is bearing on a crane arm

Title (de)

Vorrichtung zum Ermitteln, wann ein Kranarm die höchstzulässige Last trägt

Title (fr)

Dispositif pour détecter quand une charge maximum est appliquée à un bras de grue

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0721915A1] The invention relates to a device for detecting when a limit load weight bearing on a crane arm has been reached. The device comprises a cursor (6), which is slidingly mobile within a seating (8) and which is provided on opposite sides with a first end (6a) and a second end (6b) on which fluids of two pilot conduits (4 and 5) act reciprocally contrastingly. Each of the pilot conduits (4 and 5) communicates with one of the two opposite chambers of a double-acting cylinder which activates a crane arm. The invention is of particular application in blocking manoeuvring of a crane when such manoeuvring would cause an increase in a load bearing on the crane arm that would reach a load limit.

<IMAGE>

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