

Title (en)

MONITORING DEVICE FOR TOOL TURRET

Title (de)

ÜBERWACHUNGSEINRICHTUNG FÜR WERKZEUGREVOLVER

Title (fr)

DISPOSITIF DE SURVEILLANCE POUR TOURELLE REVOLVER

Publication

**EP 3384164 B1 20240214 (DE)**

Application

**EP 16801136 A 20161123**

Priority

- DE 102015015858 A 20151203
- EP 2016001975 W 20161123

Abstract (en)

[origin: WO2017092856A1] A monitoring device for determining at least one position of a displacement piston (1) which is guided longitudinally movably in a housing (7) and, in the housing (7), delimits at least one fluid chamber (3, 5) with a variable volume, which fluid chamber (3, 5) is connected via a pressure supply connector (9, 11) to a pressure fluid control device (13), is characterized in that a volumetric flow regulating device (45) and, following the latter in the direction of the measuring connector (15, 17), a pressure determining device (47) are connected between the pressure fluid control device (13) and the measuring connector (15, 17) of the assignable fluid chamber (5, 3) of the displacement piston (1), which pressure determining device (47) outputs a measuring signal at least when the displacement piston (1) has reached a predefined end position in the housing (7).

IPC 8 full level

**F15B 15/28** (2006.01)

CPC (source: EP US)

**F15B 11/072** (2013.01 - US); **F15B 15/2807** (2013.01 - EP US); **F15B 15/2838** (2013.01 - EP US); **F15B 2211/40569** (2013.01 - EP US); **F15B 2211/41527** (2013.01 - EP); **F15B 2211/41536** (2013.01 - EP US); **F15B 2211/6313** (2013.01 - EP US)

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DOCDB simple family (publication)

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