

Title (en)

Cylinder-piston unit with device for measuring the position of the piston

Title (de)

Kolben-Zylinder Baugruppe mit Vorrichtung zur Erfassung des Kolbenwegs

Title (fr)

Unité cylindre-piston avec dispositif pour déterminer la position du piston

Publication

**EP 1201934 A2 20020502 (EN)**

Application

**EP 01203962 A 20011016**

Priority

IT RE20000100 A 20001023

Abstract (en)

A cylinder-piston unit (1) comprising a cylinder (2) containing in its interior a piston rod (3), at least one end of which emerges from said cylinder (2), said piston rod (3) being rigid with a piston (4) sealedly slidable within said cylinder (2), there being associated with said cylinder-piston unit (1) a device for measuring the axial position assumed by said piston (4) within said cylinder (2); said measuring device comprises M ( $M \geq 1$ ) movable sensor elements (9) rigid with said piston (4) and N ( $N \geq 1$ ) fixed sensor elements (100) positioned external to said cylinder (2). <IMAGE>

IPC 1-7

**F15B 15/28**

IPC 8 full level

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CPC (source: EP)

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**EP 1201934 A2 20020502**; **EP 1201934 A3 20031203**; IT 1319435 B1 20031010; IT RE20000100 A0 20001023; IT RE20000100 A1 20020423

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