

Title (en)

Lifting cylinder which can be actuated by pressure fluid, preferably for ventilating devices.

Title (de)

Mittels Druckfluid aktivierbarer Hubzylinder, insbesondere für Lüftungsklappen.

Title (fr)

Cylindre de levage activé par un fluide sous pression, particulièrement pour clapets de ventilation.

Publication

**EP 0335504 A1 19891004 (EN)**

Application

**EP 89301992 A 19890228**

Priority

- DE 3814003 A 19880426
- DE 8804119 U 19880326

Abstract (en)

The invention relates to a lifting cylinder (1) which can be actuated by pressure fluid, preferably for the opening and closing of ventilating devices such as ventilation flaps for example, having a working piston (6) which is disposed on a longitudinally movable lifting rod (8) and is guided for movement in a working pressure chamber (5) comprising a pressure-fluid inlet and having a detent member (13) which is aligned perpendicular to the longitudinal axis (9) of the lifting rod and can be spring loaded, to lock the lifting rod in the end stroke position. The lifting rod has a contact member (17) which is loaded by a spring (22) and which can be supported against a stop (21) in an intermediate stroke position and can be transferred, by an end stroke movement overcoming the action of the spring (22), into its end stroke position when a preset operating pressure is exceeded. In a further embodiment a pair of working pistons (6.1, 6.2) (Fig. 2) on a common lifting rod (8) is movable to an end stroke position overcoming the action of a telescopic spring stop (21).

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**A62C 3/14; F15B 15/24**

IPC 8 full level

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CPC (source: EP)

**A62C 2/248** (2013.01); **F15B 15/261** (2013.01)

Citation (search report)

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