

Title (en)
HYDRAULIC CYLINDER

Title (de)
HYDRAULIKZYLINDER

Title (fr)
CYLINDRE HYDRAULIQUE

Publication
EP 3835600 A1 20210616 (EN)

Application
EP 19859799 A 20190819

Priority
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Abstract (en)
In a hydraulic cylinder (10) in which an operation piston (20) and a boosting piston (22) are disposed in tandem with a partition wall (26) provided therebetween, a high-pressure fluid is sealed in two axially adjacent pressure chambers. In an operation step, the high-pressure fluid is prepared so as to be able to flow between the pressure chambers in which the high-pressure fluid is sealed. Next, when the operation piston (20) has moved to an end side, the flow of the fluid between the two pressure chambers is blocked by a boost switching mechanism (33) such that the high-pressure fluid in one of the pressure chambers is discharged.

IPC 8 full level
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F15B 2211/7056 (2013.01 - EP); **F15B 2211/775** (2013.01 - EP); **F15B 2211/8855** (2013.01 - EP)

Cited by
US11261885B2; WO2024081989A1

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