Title (en)
IMPACT CYLINDER

Title (de)
SCHLAGZYLINDER

Title (fr)
CYLINDRE D'IMPACT

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Application
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Abstract (en)
[origin: WO2022096741A1] The invention relates to an impact cylinder, comprising; - a cylindrical piston casing (2), which peripherally surrounds an inner piston chamber (4); - a piston (14), which is disposed in the piston chamber (4) and can be moved longitudinally between a forward impact position and a rear idle position; - an anvil (40), which is slidably accommodated in a front impact-cylinder plate; - a compression spring (24), which is disposed between the anvil (40) and the piston (14); - a compressed-air accumulator (16); - a connection (10) for supplying a fluid; and - a control diaphragm (32) for selectively filling the compressed-air accumulator (16) and actuating the piston (14). According to the invention, in order to simplify the design, a sealing flange (18) is provided at a rear end of the piston casing (2), the compressed-air accumulator (16) is disposed behind the flange (18), and a supply pipe (28) is provided at a flange opening of the flange, which supply pipe extends from the flange opening to a posterior end of the compressed-air accumulator (16).

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