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(54) Title: **PNEUMATIC UNLOCKING AND CLOSING APPARATUS**

(57) Abstract

A pneumatic unlocking and closing apparatus, for instance for unlocking and closing, respectively, of doors with a movement having a soft braking phase at each end position, and comprising a pneumatic piston-cylinder unit (1, 2) having a working chamber (10) acting on a large piston area and a return chamber (11) acting on a piston area which is reduced by the piston rod (3), and which apparatus is arranged to be operated by a substantially closed pressure actuation system (4) having a compressed air pump (7) adapted to create both a working pressure in the working chamber (10) and a less high counter pressure in the return chamber (11). The pressure system can include a first tank, referred to as a + tank (6) having a certain predetermined high pressure adapted to act as the working pressure in the working chamber (10) for expelling the piston (2) during the ordinary working stroke thereof, and a second tank, referred to as a - tank (5) into which the air of the working chamber (10) is evacuated when the piston (2) is to be returned to its fully retracted position. The return chamber (11) can be a completely closed chamber which is constantly pressurized with a predetermined pressure.

