

Title (en)
AIR SPRING

Title (de)
LUFTFEDER

Title (fr)
RESSORT PNEUMATIQUE

Publication
EP 4384729 A1 20240619 (DE)

Application
EP 22744754 A 20220715

Priority
• DE 102021121053 A 20210812
• EP 2022069874 W 20220715

Abstract (en)
[origin: WO2023016748A1] An air spring is proposed, through which a central longitudinal axis (A) protrudes, comprising a terminating plate (4), a rolling piston (6) with a fixing element, a rolling lobe (8) which is tensioned between the terminating plate (4) and the rolling piston (6) and delimits a pressure chamber (10), and a stop buffer module (12) which is arranged at least in sections in the pressure chamber (10), comprising an elastomeric buffer (14) and a carrier plate (16) which supports the buffer (14), wherein the stop buffer module (12) is connected via at least one connection to the fixing element of the rolling piston (6), wherein the connection is a clip connection, wherein the buffer (14), the carrier plate (16) and/or the fixing element have/has at least one latching means (20) which comprises at least one latching projection (24) in order to form the clip connection.

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