

Title (en)

DAMPER UNIT FOR A CHASSIS OF A VEHICLE WITH LEVELLING

Title (de)

DÄMPFEREINHEIT FÜR EIN FAHRWERK VON EINEM FAHRZEUG MIT NIVEAUREGELUNG

Title (fr)

UNITÉ D'AMORTISSEMENT D'UN MÉCANISME DE ROULEMENT D'UN VÉHICULE AVEC RÉGULATION DE NIVEAU

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Application

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Abstract (en)

[origin: WO2019214770A1] The invention relates to a damper unit (10) for a chassis (100) of a vehicle with levelling, comprising a hydraulic cylinder (1) having a container tube (2) which is filled with a damper fluid and in which a piston (3) is movably mounted and separates an upper container space (21) from a lower container space (22). The piston (3) comprises a first valve (41) through which the damper fluid flows when the piston (3) moves in a first direction A. The damper unit (10) further comprises an accumulator (5) and a check valve (6), wherein the accumulator (5) is connected to the container tube (2) via the check valve (6) in such a manner that, when the piston (3) moves in at least one direction, damper fluid is pumped through the check valve (6) into the accumulator (5).

IPC 8 full level

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