

Title (en)

ELECTROPNEUMATIC PARKING BRAKE UNIT WITH AN EMERGENCY RELEASE

Title (de)

ELEKTROPNEUMATISCHE FESTSTELLBREMSEINHEIT MIT NOTLÖSUNG

Title (fr)

UNITÉ FREIN DE STATIONNEMENT ÉLECTROPNEUMATIQUE COMPORTANT UNE LIBÉRATION D'URGENCE

Publication

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Application

EP 22734604 A 20220622

Priority

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Abstract (en)

[origin: WO2023001472A1] The invention relates to an electropneumatic valve assembly (1) for actuating a parking brake function of an electropneumatic brake system (102) of a utility vehicle (100), comprising a pilot unit (8) which controls a pilot pressure (pSV) on the basis of an electronic parking brake signal (SFB) and which is designed to be self-supporting, wherein the pilot pressure (pSV) can produce a control of a parking brake pressure (pBP) at at least one spring-force accumulator connection (21) or can be controlled as the parking brake pressure. The valve assembly additionally has an emergency release connection (38) comprising an emergency release path (39) for selectively triggering an emergency release pressure (pSN) which produces the control of the parking brake pressure (pBP) at the at least one spring-force accumulator connection (21). The invention additionally relates to a method and a utility vehicle.

IPC 8 full level

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