Title (en)

BRAKE SYSTEM AND METHOD FOR BRAKING A VEHICLE HAVING AT LEAST TWO AXLES

Title (de)

BREMSSYSTEM UND VERFAHREN ZUM ABBREMSEN EINES ZUMINDEST ZWEIACHSIGEN FAHRZEUGS

Title (fr)

SYSTÈME DE FREINAGE ET PROCÉDÉ POUR FREINER UN VÉHICULE À AU MOINS DEUX ESSIEUX

Publication

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Application

EP 21755425 A 20210803

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Abstract (en)

[origin: WO2022089802A1] The invention relates to a brake system for a vehicle having at least two axles and a hydraulic deceleration unit (10) with a motorised braking pressure buildup device (12), a first wheel brake cylinder (14a) which can be mounted on a first wheel of a first axle of the vehicle, and a second wheel brake cylinder (14b) which can be mounted on a second wheel of the first axle, wherein the first wheel brake cylinder (14a) is hydraulically connected to the motorised brake pressure buildup device (12) via a first pressure control valve (16a), and the second wheel brake cylinder (14b) is hydraulically connected to the motorised brake pressure buildup device (12) via a second pressure control valve (16b), and wherein the brake system has an electromechanical deceleration unit (18) having a first electromechanical wheel brake cylinder (20a) which can be mounted on a first wheel of a second axle of the vehicle and a second electromechanical wheel brake cylinder (20b) which can be mounted on a second wheel of the second axle. The invention likewise relates to a method for braking a vehicle having at least two axles.

IPC 8 full level

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