

Title (en)

HYDRAULIC BRAKING SYSTEM FOR MOTOR VEHICLES

Title (de)

HYDRAULISCHE KRAFTFAHRZEUGBREMSANLAGE

Title (fr)

SYSTEME HYDRAULIQUE DE FREINAGE DE VEHICULES A MOTEUR

Publication

**EP 0719223 A1 19960703 (DE)**

Application

**EP 95926922 A 19950718**

Priority

- DE 4427799 A 19940805
- EP 9502809 W 19950718

Abstract (en)

[origin: DE4427799A1] In order to reduce the space occupied by a hydraulic braking system for motor vehicles with brake pressure modulation by means of adjustable vane pumps, all required vane pumps (10, 11, 12, 13) are driven through a common shaft by an electric motor (21) with a stabilised speed of rotation. In order to individually control each vane pump (10, 11, 12, 13), a cam ring (39) is associated to each vane pump (10, 11, 12, 13) and each cam ring (39) is driven by a proportional magnet (16, 17, 18, 19).

IPC 1-7

**B60T 8/44**; B60T 8/40; B60T 8/26; B60T 8/24; B60T 7/12; B60T 13/18; F04C 11/00

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 9604159A1

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DE FR GB

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**DE 4427799 A1 19960208**; EP 0719223 A1 19960703; JP H09503980 A 19970422; US 5725287 A 19980310; WO 9604159 A1 19960215

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