

Title (en)

Device for regrounding mounted automotive brake discs.

Title (de)

Schleifvorrichtung zum Nachschleifen der montierten Bremsscheibe einer Kraftfahrzeug-Scheibenbremse.

Title (fr)

Dispositif pour la rectification des disques de freins montés sur des véhicules automobiles.

Publication

EP 0095110 A1 19831130 (DE)

Application

EP 83104750 A 19830513

Priority

HU 162582 A 19820521

Abstract (en)

1. Grinding apparatus for regrounding the mounted brake disc of a motor vehicle disc brake, the working cylinder of which is secured to a retainer (5), comprising a support stand (19) which can be secured to the retainer (5) of the working cylinder instant of the cylinder itself and has two guides (17) for guiding a grinding disc (16) in an adjustable manner by way of an adjusting screw (20), a receiving frame (21, 27), a drive (friction wheel 4) that can be applied against the brake disc (6) or its hub to drive it, and a drive unit (23) including a drive motor (22) and two output shafts (9, 15), the grinding disc (16) being coupled with the first output shaft (15), the second output shaft having a reduction gear (10, 11) connected before it and being connected to the drive (friction wheel 4), characterized in that the receiving frame (21, 27) is adjustably guided at the two guides (17) by means of an adjusting screw (20) and the drive unit (23) is secured to the receiving frame (21, 27), the grinding disc (16) being seated on the first output shaft (15), the reduction gear of the drive unit being constructed as a worm drive (10, 11), and that the drive is constructed as a friction wheel (4) journaled on the support stand (19) and coupled to the second output shaft (9) via a V-belt pulley drive (8, 1, 7).

Abstract (de)

Eine Vorrichtung zum Nachschleifen einer montierten Bremsscheibe (6) einer Kraftfahrzeug-Scheibenbremse, deren Arbeitszylinder an einem Halter (5) befestigt ist, weist einen Auflagebock (19) auf, der anstelle des Arbeitszylinders der Scheibenbremse an dessen Halter (5) befestigbar ist und der zwei Führungen (17) aufweist, an denen mittels einer Stellschraube (20) verstellbar eine Aufnahmerahmen (21) geführt ist. Am Aufnahmerahmen (21) ist ein Antrieb (23) befestigt, dessen Abtriebswelle (14) über Keilzahnräder (12, 13) mit einer Schleifscheibe (16) und über ein Schneckengetriebe (10, 11) und einen Riementrieb (8, 1, 7) mit einem gegen die Bremsscheibe (6) zum Antrieb derselben während des Schleifvorganges ansetzbaren Reibrad (4) gekuppelt ist.

IPC 1-7

B24B 7/16

IPC 8 full level

B24B 7/16 (2006.01); **B24B 23/08** (2006.01)

CPC (source: EP)

B24B 7/16 (2013.01); **B24B 23/08** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT DE FR GB IT SE

DOCDB simple family (publication)

EP 0095110 A1 19831130; EP 0095110 B1 19860903; AT E21847 T1 19860915; DE 3365823 D1 19861009; DE 8314290 U1 19871217; HU 186601 B 19850828

DOCDB simple family (application)

EP 83104750 A 19830513; AT 83104750 T 19830513; DE 3365823 T 19830513; DE 8314290 U 19830513; HU 162582 A 19820521