

Title (en)

Tool for grinding brake discs or drums.

Title (de)

Werkzeug zum Schleifen von Bremsscheiben oder Bremstrommeln.

Title (fr)

Outil pour meuler des disques ou des tambours de freins.

Publication

**EP 0082619 A1 19830629 (EN)**

Application

**EP 82306399 A 19821201**

Priority

GB 8136463 A 19811203

Abstract (en)

This invention relates to a disc or drum grinding apparatus 4 for use in situ grinding of a brake disc 1 or drum on a wheel hub 2 on a vehicle 3. The apparatus 4 is securely mountable on the hub 2 so as to be supported substantially wholly by the hub 2 and connected substantially rigidly thereto. A first drive transmission means 9,10,12,13 is drivingly engaged with at least one of said disc 1 or drum and hub 2 for rotating said disc 1 or drum about the hub axis, the apparatus 4 being provided with a stop means 15 for engagement with a fixed body 17 so as to prevent rotation of the apparatus 4 with the disc 1 or drum. A second drive transmission means 23,24 is arranged for driving a grinding wheel 25 disposed in contact with the brake disc 1 or drum for grinding a braking surface 29,30 thereof. At least one motor 8,22 is provided for driving said first and second drive transmission means. The invention also provides a method of grinding a brake disc 1 or drum comprising the steps of removing a wheel from the hub 2, attaching a grinding apparatus 4 of the invention to the hub 2 so as to support the apparatus 4 wholly on the hub 2 in rigid connection therewith, operating the first drive transmission means 9,10,12,13 to rotate the hub 2 and disc 1 or drum, operating the second drive transmission means 23,24 and bring the grinding means 25 into engagement with the disc 1.

IPC 1-7

**B24B 7/16**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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