

Title (en)

TIRE SURFACE ABRASION DEVICE FOR AUTOMOBILE

Title (de)

REIFENFLÄCHENABRIEBVORRICHTUNG FÜR AUTO

Title (fr)

DISPOSITIF D'ABRASION DE SURFACE DE PNEU POUR AUTOMOBILE

Publication

**EP 1985413 A4 20100127 (EN)**

Application

**EP 07706285 A 20070126**

Priority

- JP 2007000035 W 20070126
- JP 2006020245 A 20060130

Abstract (en)

[origin: EP1985413A1] This invention presents a tire surface polishing device capable of a polishing with eye observations of a polishing position and polishing amount, and capable of an adequate polishing even for a tire having a complicated surface configuration. As shown in Fig.2 , the device comprises a tire rotation means 10 rotating a polishing belt means 20 polishing a grounding surface of the tire, a belt driving means 30, a belt touch-and-detaching means 40 touching the polishing belt to the tire and detaching the polishing belt from the tire. The polishing belt means 20 turns at a corner of the tire, thereby enabling a polishing of the corner. The polishing belt means 20 has an endless polishing belt. The belt driving means 30 is joined to a base 44 plunging the polishing belt toward the tire surface, in a state rotatable to a horizontal direction. Links 41,42 driving the base 44 is operated by a handle 51. The handle 51 and the polishing belt means 20 are moved to a same direction.

IPC 8 full level

**B24B 21/02** (2006.01)

CPC (source: EP)

**B24B 5/366** (2013.01); **B24B 21/006** (2013.01); **B24B 21/22** (2013.01)

Citation (search report)

- [A] DE 3934676 A1 19910425 - WESTERHOLT FRANK DIPL ING [DE]
- [A] EP 0499085 A1 19920819 - MICHELIN & CIE [FR]
- [A] DE 4216552 A1 19921126 - MATTEUZZI SRL [IT]
- See references of WO 2007086242A1

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DOCDB simple family (publication)

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