

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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