

Title (en)

Tool for tightening and loosening a wing nut or wing screw of an automobile wheel

Title (de)

Werkzeug zum Fixieren und Lösen einer ein Kraftfahrzeugrad festlegenden Flügelmutter oder Flügelschraube

Title (fr)

Outil pour serrer et desserrer une vis à ailettes ou un écrou à oreilles d'une roue d'un véhicule automobile

Publication

EP 1683607 B1 20100505 (DE)

Application

EP 06001418 A 20060124

Priority

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Abstract (en)

[origin: US2006162506A1] A tool for tightening and loosening a wing nut having several wings that secures a motor vehicle wheel includes has a base element with three detachably attached contact bodies for the individual wings. The bodies serve to transfer the torque needed for tightening and loosening the wing nuts. The end of each contact body facing the wheel is provided with a projection that, for purposes of avoiding axial slippage of the tool off the wing nut in the functional position shown in FIGS. 2 and 3, engages behind a wing. The projection in question is dimensioned in such a manner that a slot located between adjacent projections is only slightly larger than the corresponding wing. Each of the contact bodies, which are configured as cleats, has a contact surface that can be placed against the wing during either tightening or loosening. In order to apply the torque, the base element has a receptacle configured as a square opening to receive a commercially available torque tool.

IPC 8 full level

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CPC (source: EP US)

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