

Title (en)

TORQUE WRENCH, IN PARTICULAR FOR WHEEL NUTS

Publication

EP 0084676 A3 19840530 (DE)

Application

EP 82111999 A 19821224

Priority

CH 49482 A 19820127

Abstract (en)

[origin: EP0084676A2] 1. Torque wrench especially for tightening and loosening wheel nuts of a motor vehicle, consisting of a bending bar (13) with a torque indicator bar (22) which is fastened to the latter on one side and which interacts with an acoustic signal generator (20) arranged on the bending bar (13), in such a way that the said signal generator (20) emits an acoustic signal when a predetermined torque is reached, characterized in that the acoustic signal generator (20) is surrounded by a housing (30) which is designed as a resonant body and which has a concavely curved wall part (38) for directional sound reflection and a sound emission orifice (40) located opposite the wall part (38).

IPC 1-7

B25B 23/142

IPC 8 full level

B25B 23/142 (2006.01)

CPC (source: EP)

B25B 13/06 (2013.01); **B25B 23/1427** (2013.01); **B25G 1/005** (2013.01)

Citation (search report)

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- [X] US 2628497 A 19530217 - HART CHARLES W
- [A] FR 2230465 A1 19741220 - MOULINOX ANDRE [FR]
- [A] FR 2209308 A5 19740628 - MASSON PERE ET FILS [FR]
- [A] DE 2259097 A1 19730614 - NAKAMURA SEISAKUSHO KK

Cited by

US11358269B2; WO2021066930A1

Designated contracting state (EPC)

BE DE FR IT LU NL

DOCDB simple family (publication)

EP 0084676 A2 19830803; **EP 0084676 A3 19840530**; **EP 0084676 B1 19870603**; CH 654783 A5 19860314; DE 3276467 D1 19870709; DE 8236371 U1 19831020

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