

Title (en)  
TORQUE WRENCH, IN PARTICULAR FOR WHEEL NUTS

Publication  
**EP 0084676 B1 19870603 (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)

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

DOCDB simple family (application)  
**EP 82111999 A 19821224**; CH 49482 A 19820127; DE 3276467 T 19821224; DE 8236371 U 19821224