

Title (en)  
SUPPORT AND LEVEL ARM MECHANISM FOR LUG WRENCHES

Title (de)  
TRÄGER UND NIVELLIERARMMECHANISMUS FÜR RADMUTTERNSCHLÜSSEL

Title (fr)  
MÉCANISME DE SUPPORT ET DE BRAS DE NIVEAU POUR DÉMONTE-PNEUS

Publication  
**EP 3429803 A1 20190123 (EN)**

Application  
**EP 16721975 A 20160317**

Priority  
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Abstract (en)  
[origin: WO2017160250A1] The present invention, which relates to support stand and level arm extension mechanism developed for the ordinary lug wrenches providing the tightening and removal of the wheel nuts on the wheels of the road transportation vehicles, by manpower, is generally characterized by having level arm(l) that increases the distance of the force application point to the wheel nut; fixed hook and moving hook(1.4) providing the mounting of the ordinary lug wrench(3) on the level arm(l); support stand(2) providing support for the level arm(l) during the tightening and loosening of the wheel nut; height adjustment mechanism(2.1) moving up and down the support stand(2) and this way providing the positioning of the ordinary lug wrench(3); locking apparatus(2.3) securing the ordinary lug wrench(3) mounted on the level arm(l); adapter part(9) providing the mounting of pipe-type, T-type, L-type etc. ordinary lug wrench(3) on the height adjustment mechanism(2.1) and therefore the support stand(2).

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