

Title (en)  
AN APPARATUS FOR PERFORMING GRINDING OPERATIONS

Title (de)  
EIN GERÄT ZUR DURCHFÜHRUNG VON SCHLEIFARBEITEN

Title (fr)  
UN APPAREIL POUR EFFECTUER DES OPÉRATIONS DE RECTIFICATION

Publication  
**EP 4159369 A1 20230405 (EN)**

Application  
**EP 22198937 A 20220930**

Priority  
IT 202100025271 A 20211001

Abstract (en)  
An apparatus (1) for performing grinding operations on a component (CP) comprises: a base (2), configured to rest on a supporting surface on which the apparatus (1) is positioned; a part-holder spindle (3), configured to rotate about a longitudinal axis (A) and including a gripping element, to hold the component in place; a tailstock (4), aligned with the part-holder spindle (3) along the longitudinal axis (A) and movable towards and away from the spindle (3) for keeping the component, in use, between the part-holder spindle (3) and the tailstock (4) along the longitudinal axis (A); an operating unit (5), movable along an operating direction, parallel to the longitudinal axis (A), and along a transversal direction (T), perpendicular to the longitudinal axis (A). The operating unit (5) includes a first group of tools (51), configured to perform mechanical operations on the component. The longitudinal axis (A) is inclined, relative to a vertical axis (V) parallel to the direction of the weight force, by an angle of inclination (AC) of less than 90°.

IPC 8 full level  
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Citation (applicant)  
US 2013029567 A1 20130131 - HESSBRUEGGEN NORBERT [DE]

Citation (search report)  
• [I] US 2013029567 A1 20130131 - HESSBRUEGGEN NORBERT [DE]  
• [X] DE 3042925 A1 19810619 - BOLLI W R WERKZEUGBAU [CH]

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