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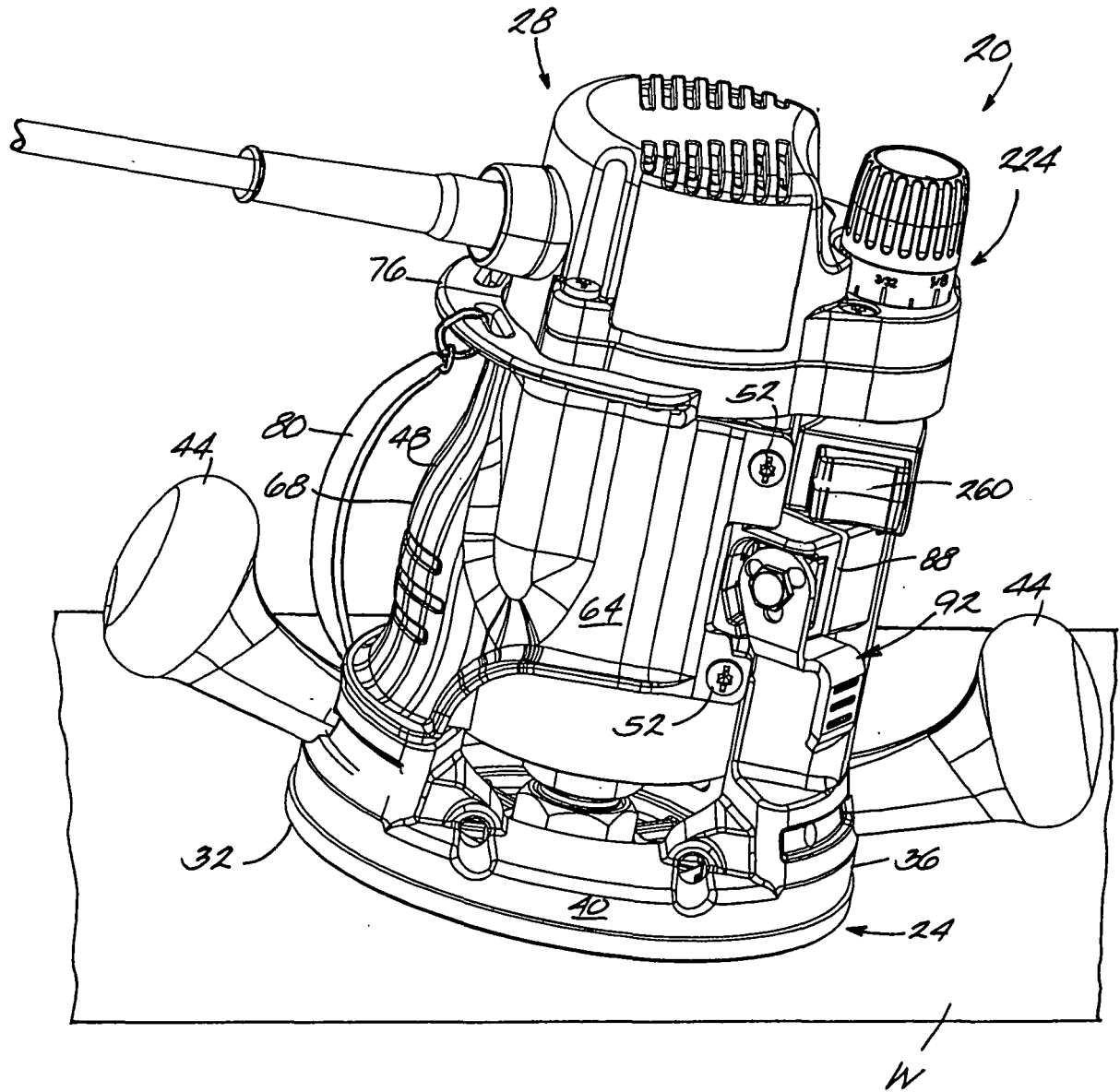
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(54) **Router**

(57) A router (20) including a base (24) for supporting the router on a work piece (W) surface, a motor housing (28) supported by the base (24), and a motor supported by the housing (28) and operable to drive a tool element. The router also includes a hand grip (48) attachable to one of the base (24) and the housing (28). The hand grip (48) may be contoured to fit a hand of an operator and may be at least partially formed of an elastomeric material. The router (20) may also include a fixing assembly for fixing the housing (28) in a position relative to the base (24), the fixing assembly including a clamping member for applying a clamping force to the housing (28) to fix the housing in a position relative to the base (24), and an actuator for moving the clamping member. The router may also include an adjustment mechanism for adjusting the position of the housing (28) relative to the base (24), the adjustment mechanism (224) including a coarse adjustment assembly for making relatively large changes in the position of the housing (28), and a fine adjustment assembly for making relatively small changes to the position of the housing (28). The adjustment mechanism (224) may be operated when the router (20) is supported in an inverted position below a work table. A router case having a removable molded base plate may be provided to support the router on a surface.

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| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                            |                                                    |                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------|
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Citation of document with indication, where appropriate, of relevant passages                              | Relevant to claim                                  | CLASSIFICATION OF THE APPLICATION (IPC)              |
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| <del>The present search report has been drawn up for all claims</del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                            |                                                    |                                                      |
| Place of search<br>The Hague                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                            | Date of completion of the search<br>18 August 2006 | Examiner<br>Matzdorf, U                              |
| CATEGORY OF CITED DOCUMENTS<br>X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document<br>T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>.....<br>& : member of the same patent family, corresponding document |                                                                                                            |                                                    |                                                      |

**ANNEX TO THE EUROPEAN SEARCH REPORT  
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82