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(54) **A mounting insert for an abrasive tool for use in calibrating machines with rotary heads and oscillating arms**

(57) The insert comprises a first layer of soft, stroke dampening elastic material and a second layer of harder, noise deadening material. The layers are interposed between an abrasive tool (11) and the oscillating arm (20) of a rotary head of a calibrating machine. The two layers consist of two complementary, adjacent elastic elements (13, 14) of which the lower (13) is securely

attached to the abrasive tool (11). The upper layer (14) provides a means (12) for fastening to the oscillating arm (20). The two complementary elements (13, 14) are so shaped as to provide respective facing, fitting surfaces (13a, 14a) arranged to reciprocally lock the two elements (13, 14) in a given plane and allow reciprocal sliding in a direction which is perpendicular to said given plane.

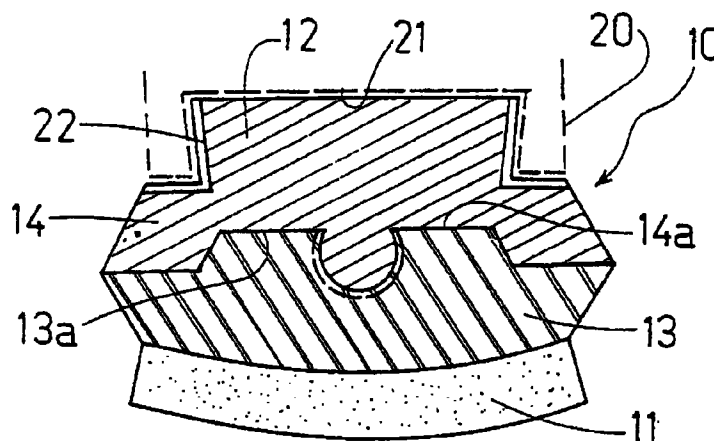


FIG.1

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EUROPEAN SEARCH REPORT

Application Number
EP 95 11 0396

| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
|--|---|--|--|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int.Cl.6) |
| X | US-A-5 076 023 (SAGUCHI TAKESHI) 31 December 1991 * column 2, line 11 - line 44; figures * | 1-3,5 | B24B41/047 B24D17/00 |
| Y | --- | 4 | |
| Y | EP-A-0 561 610 (DE BEERS IND DIAMOND) 22 September 1993 * page 3, line 51 - page 4, line 7; figure 5 * | 4 | |
| X | EP-A-0 395 162 (VINCENT SPA) 31 October 1990 * column 3, line 53 - column 4, line 11; figures * | 1-3,5 | |
| | ----- | | |
| | | | TECHNICAL FIELDS SEARCHED (Int.Cl.6) |
| | | | B24D B24B |
| The present search report has been drawn up for all claims | | | |
| Place of search THE HAGUE | | Date of completion of the search 8 January 1996 | Examiner Garella, M |
| <p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p> | | | |

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