

Title (en)

Machine for the centreless abrasive machining of tubes, bars and the like.

Title (de)

Maschine zur spitzenlosen abrasiven Bearbeitung von Rohren, Stangen und dergleichen.

Title (fr)

Machine pour l'usinage abrasif sans centres de tubes, barres et analogues.

Publication

EP 0154040 A2 19850911 (EN)

Application

EP 84116506 A 19841230

Priority

IT 1991284 A 19840306

Abstract (en)

The machine for the centreless abrasive machining of tubes, bars and similar bodies or workpieces, comprises a preferably modular bed supporting at least one workpiece rest unit formed from idle rollers or wheels and able to be variously inclined to the workpiece feed direction, and at least one unit which, besides acting as a rest by way of rollers or wheels, rotates and feeds the workpiece in consequence of the operation of at least one of its rest rollers or wheels. This latter unit also comprises an idle presser roller which acts on the workpiece by way of a control device operated by pressurised fluid and can be inclined in the reverse direction to the inclination of the rest rollers or wheels. A single control member, for example in the form of a handwheel, enables both the rest rollers and the presser roller to assume the required inclinations by virtue of a linkage between the handwheel and units.

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