

Title (en)
APPARATUS FOR MEASURING THE DIAMETER OF A WORKPIECE

Title (de)
VORRICHTUNG ZUM MESSEN DES DIAMETERS EINES WERKSTÜCKES

Title (fr)
DISPOSITIF POUR MESURER LE DIAMETRE D'UNE PIECE

Publication
EP 0970348 A1 20000112 (EN)

Application
EP 98910762 A 19980323

Priority
• FI 9800249 W 19980323
• FI 971296 A 19970327

Abstract (en)
[origin: WO9844310A1] The invention relates to an apparatus for measuring the diameter of a workpiece, which apparatus (2) includes a body (10) and a measuring head (12) attached to it, which is positioned between them with an operating device (6). In addition, the apparatus (2) includes a measuring roller (13) adapted to the measuring head (12), one sensor (14) for determining the rotational movement of the measuring roller (13) and another sensor (7) for measuring that of the workpiece being measured, and equipment for processing the values from the aforesaid sensors (7, 14). According to the invention, the measuring roller (13) comprises a two-part construction, in which there is a hard-metal ring (18) on top of an inner disc (17).

IPC 1-7
G01B 5/08

IPC 8 full level
G01B 5/08 (2006.01)

CPC (source: EP)
G01B 5/08 (2013.01)

Citation (search report)
See references of WO 9844310A1

Designated contracting state (EPC)
CH DE FR GB IT LI SE

DOCDB simple family (publication)
WO 9844310 A1 19981008; AU 6501898 A 19981022; EP 0970348 A1 20000112; FI 103214 B1 19990514; FI 103214 B 19990514; FI 971296 A0 19970327; FI 971296 A 19980928

DOCDB simple family (application)
FI 9800249 W 19980323; AU 6501898 A 19980323; EP 98910762 A 19980323; FI 971296 A 19970327