

Title (en)

Method and device for calibrating the penetration depth of a hardness tester

Title (de)

Verfahren und Vorrichtung zur Kalibrierung einer Eindringtiefenmesseinrichtung einer Härteprüfmaschine

Title (fr)

Méthode et dispositif pour calibrer la profondeur de pénétration d'une machine d'essai de dureté

Publication

EP 1089065 A8 20030625 (DE)

Application

EP 00121509 A 20000929

Priority

DE 19947412 A 19991001

Abstract (en)

[origin: EP1089065A2] The device has a length measurement device for coupling to a movement in the load direction, a frame (4) for connection to the penetration depth measurement device and connected to an elastically deformable part (6) for absorption of a load in the load direction (2). The frame accepts a measurement sensor (11) in contact with a base plate (2) during calibration. An adjuster (7) moves the frame in the load direction to perform calibration. Independent claims are also included for the following: a method of calibrating a penetration depth measurement device for a hardness testing machine.

IPC 1-7

G01N 3/62; **G01N 3/42**

IPC 8 full level

G01N 3/42 (2006.01); **G01N 3/62** (2006.01)

CPC (source: EP)

G01N 3/42 (2013.01); **G01N 3/62** (2013.01); **G01N 2203/021** (2013.01); **G01N 2203/0623** (2013.01)

Cited by

CN105021486A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1089065 A2 20010404; **EP 1089065 A3 20030827**; **EP 1089065 A8 20030625**; **EP 1089065 B1 20071107**; AT E377749 T1 20071115; DE 19947412 A1 20010510; DE 19947412 C2 20030528; DE 50014759 D1 20071220; ES 2292395 T3 20080316

DOCDB simple family (application)

EP 00121509 A 20000929; AT 00121509 T 20000929; DE 19947412 A 19991001; DE 50014759 T 20000929; ES 00121509 T 20000929