

Title (en)

Apparatus and method for identifying objects, in particular cup-like drinking vessels

Title (de)

Vorrichtung und Verfahren zum Identifizieren eines Gegenstandes, insbesondere eines becherartigen Trinkgefäßes

Title (fr)

Dispositif et méthode pour l'identification d'un objet, en particulier un récipient de boisson, du type gobelet

Publication

EP 0691633 A3 19970205 (DE)

Application

EP 95109816 A 19950623

Priority

- DE 4421672 A 19940623
- DE 4429541 A 19940819

Abstract (en)

[origin: EP0691633A2] The vessel (18) is placed upside down in a circular depression (28) in a baseplate (12), and aligned with the vertical axis (A) of a measuring bell (30) rotatable on a supporting plate (32) behind a lifting or sliding door (14). Rotation through 360 degrees is effected by a stepping motor (44) and gearing. The other side of the plate is carried on a telescopic jack (36) whose piston (38) is jointed (37) to a bearing (40) on the baseplate. The upturned base (24) of the vessel is scanned by the optical beam from an emitter (70) aligned with a photoreceiver in the opposite wall of the bell.

IPC 1-7

G07F 7/06

IPC 8 full level

G07F 7/06 (2006.01)

CPC (source: EP)

G07F 7/0609 (2013.01)

Citation (search report)

- [A] DE 2645024 A1 19770421 - PLATMANUFAKTUR AB
- [A] FR 2580418 A1 19861017 - MULLER SARL [FR]
- [A] FR 2631477 A1 19891117 - PONCET JEA [FR]
- [A] DE 230284 C
- [A] GB 1019405 A 19660209 - SHUFORD ENTPR INC

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EP 0691633 A2 19960110; EP 0691633 A3 19970205; EP 0691633 B1 20010124; AT E198947 T1 20010215

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