Title (en)

Contour reading device for a spectacles rim, sensor for the same, and application to the edging of the lens to be mounted

Title (de)

Konturlesevorrichtung für Brillenrahmen, entsprechender Sensor, und Anwendung dieser Vorrichtung an der Randbearbeitung von einzusetzenden Linsen

Title (fr)

Procédé pour le relevé de la section du drageoir d'une monture de lunettes, palpeur correspondant, et application de ce procédé au débordage du verre à monter

Publication

EP 0819967 A1 19980121 (FR)

Application

EP 97401575 A 19970703

Priority

FR 9609016 A 19960718

Abstract (en)

The method involves measuring the shape of the inner surface (10) of a spectacle lens rim (11). This is to produce the correct shape for the lens edge to fit it makes use of a mobile feeler (12) with its positions recorded in a co-ordinate system. The feeler head (15) is used to scan the inner surface of the lens rim between two or more points on at least one side of the rim recess. The lens rim recess has a dihedral cross-section the feeler head is used to scan sufficient points on its surface to allow its shape to be reproduced from the co-ordinates obtained. The feeler used for the procedure can be a contact feeler with interchangeable heads, e.g. spherical in shape.

Abstract (fr)

Suivant l'invention, disposant d'un palpeur (12) mobile dont la position peut être repérée dans un système de coordonnées donné, on amène ce palpeur (12) au fond du drageoir (10) dont la section transversale est à relever, en faisant successivement viser par la tête (15) de ce palpeur (12) au moins deux points différents de l'un au moins des flancs (13, 13') de ce drageoir (10), et on déduit les coordonnées de ces points ; le relevé de la section transversale du drageoir est utilisé pour l'opération de débordage du verre destiné à être monté dans ledit drageoir (10). <IMAGE>

IPC 1-7

G02C 13/00; B24B 9/14

IPC 8 full level

G01B 11/24 (2006.01); **B24B 9/14** (2006.01); **G02C 13/00** (2006.01)

CPC (source: EP US)

B24B 9/144 (2013.01 - EP US)

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DOCDB simple family (application)

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