

Title (en)

METHOD AND DEVICE FOR ALIGNING OPTICAL ELEMENTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUSRICHTEN VON OPTISCHEN ELEMENTEN

Title (fr)

PROCEDE ET DISPOSITIF POUR AJUSTER DES ELEMENTS OPTIQUES

Publication

EP 1534467 A1 20050601 (DE)

Application

EP 03740344 A 20030626

Priority

- DE 10229150 A 20020628
- EP 0306722 W 20030626

Abstract (en)

[origin: WO2004002678A1] The invention relates to a method and device for manually aligning ophthalmic spectacle lenses (5), particularly of semifinished products of progressive lenses. The invention provides that, for shaping the free side of the spectacle lens (5), the spectacle lens (5) is held on one side by a first holding fixture (6) via a joining material that is located therebetween. The holding fixture (6) is inserted inside a recess of a retaining device (17) and the free side is shaped. After the free side of the spectacle lens (5) has been shaped, the first holding fixture (6) is inserted into a recess (2) of an adapter part (10) that is provided with markings (4). Afterwards, the spectacle lens (5) is aligned by using the markings (4) of the adapter part (10), and the spectacle lens (5) is held inside a second holding fixture (9) via another joining material located therebetween. The second holding fixture (9) is subsequently placed in the retaining device (17). The first holding fixture (6), together with the adapter part (10) and the joining material (7), is removed from the spectacle lens (5).

IPC 1-7

B24B 13/00; **B24B 13/005**

IPC 8 full level

B24B 13/00 (2006.01); **B24B 13/005** (2006.01); **G02C 13/00** (2006.01)

CPC (source: EP US)

B24B 13/0055 (2013.01 - EP US)

Citation (search report)

See references of WO 2004002678A1

Designated contracting state (EPC)

CH DE FR GB IE LI

DOCDB simple family (publication)

WO 2004002678 A1 20040108; CA 2491096 A1 20040108; CA 2491096 C 20120110; DE 10328972 A1 20040122; EP 1534467 A1 20050601; RU 2005102099 A 20050910; US 2005168691 A1 20050804; US 7749051 B2 20100706

DOCDB simple family (application)

EP 0306722 W 20030626; CA 2491096 A 20030626; DE 10328972 A 20030626; EP 03740344 A 20030626; RU 2005102099 A 20030626; US 51899404 A 20041221