

Title (en)
Device for blocking a lens blank.

Title (de)
Gerät zum Befestigen eines Halteteils auf optischen Linsen.

Title (fr)
Dispositifs de glantage.

Publication
EP 0415813 A1 19910306 (FR)

Application
EP 90402249 A 19900806

Priority
FR 8910714 A 19890809

Abstract (en)
[origin: JPH0379241A] PURPOSE: To remove only a handling block from the receptacle of a device, while holding a projecting means pressed by a spring by the rise of a device, to prevent an eyeglass lens from accompanying the block by push-fitting the handling block pressed against the lens into the receptacle, and pressing a projecting means provided at the device against the lens. CONSTITUTION: The arm 16 of a device 15 is vertically movable and provided with a receptacle 18, into which the end piece 14 of a handling block 12 is push-fitted. A projecting means 24 is provided outside of the receptacle 18, its projecting fingers 25 being energized by a spring in an extending direction. When the arm 16 is moved downward, first an eyeglass lens 10 on a plate 11 is pressed by the projecting fingers 25 and is energized by the spring and then the handling block 12 is pressed against the lens 10 and attracted thereto. When the arm 16 is raised, the fingers 25 are held pressed against the lens 10 by the spring action and the block 12 is disengaged from the receptacle 18 while the lens 10 with the block 12 held attracted thereto does not accompany the block 12.

Abstract (fr)
Il s'agit d'un dispositif de glantage du genre comportant, pour la pose d'un bloc de préhension (12) sur un verre de lunettes (10) disposé en attente sur une platine (11), un réceptacle (18) adapté à recevoir à frottement le bloc de préhension (12) à poser, avec, associés à ce réceptacle (18), des moyens d'éjection (24) propres à faciliter le dégagement dudit bloc de préhension (12) dudit réceptacle (18) après sa pose. Suivant l'invention, intervenant à l'extérieur du réceptacle (18), les moyens d'éjection (24), qui sont en pratique constitués de deux doigts d'éjection (25) montés mobiles parallèlement à l'axe du réceptacle (18) à l'encontre de moyens élastiques de rappel, sont destinés à porter sur le verre de lunettes (10) à traiter. Application, notamment, à la pose d'un bloc de préhension à ventouse sur un verre de lunettes.

IPC 1-7
B24B 9/14; B24B 13/005

IPC 8 full level
G02C 13/00 (2006.01); **B23P 19/00** (2006.01); **B23P 19/02** (2006.01); **B24B 9/14** (2006.01); **B24B 13/005** (2006.01)

CPC (source: EP US)
B24B 9/146 (2013.01 - EP US); **B24B 13/005** (2013.01 - EP US); **Y10T 29/53978** (2015.01 - EP US)

Citation (search report)
• [A] FR 2613268 A1 19881007 - BRIOT INT [FR]
• [A] DE 2545948 A1 19770428 - PRONTOR WERK GAUTHIER GMBH
• [A] US 1727889 A 19290910 - MCCABE JOSEPH J

Cited by
US5721644A; EP2149400A4; DE4230610A1; FR2682058A1; US6011630A; CN110666596A

Designated contracting state (EPC)
BE CH DE ES GB IT LI NL SE

DOCDB simple family (publication)
EP 0415813 A1 19910306; EP 0415813 B1 19931103; DE 69004385 D1 19931209; DE 69004385 T2 19940511; ES 2047878 T3 19940301; FR 2650773 A1 19910215; FR 2650773 B1 19911122; JP 2525944 B2 19960821; JP H0379241 A 19910404; US 5027492 A 19910702

DOCDB simple family (application)
EP 90402249 A 19900806; DE 69004385 T 19900806; ES 90402249 T 19900806; FR 8910714 A 19890809; JP 20907290 A 19900807; US 55702090 A 19900725