

Title (en)

DEVICE FOR DEBLOCKING OPTICAL WORKPIECES, IN PARTICULAR EYEGGLASS LENSES

Title (de)

VORRICHTUNG ZUM ABBLOCKEN VON OPTISCHEN WERKSTÜCKEN, INSBESONDERE BRILLENGLÄSERN

Title (fr)

DISPOSITIF DE DÉBLOCAGE DE PIÈCES OPTIQUES À USINER, NOTAMMENT DE VERRES DE LUNETTES

Publication

EP 2542383 B1 20140416 (DE)

Application

EP 11707791 A 20110223

Priority

- DE 102010010334 A 20100304
- EP 2011000862 W 20110223

Abstract (en)

[origin: WO2011107227A1] The invention relates to a device (10) for blocking optical workpieces (L), said device comprising a first moving device (12) for rotating a workpiece (L), which is blocked on a blocking piece (B), about a workpiece rotational axis (14) and a nozzle (16) for dispensing a pressure medium high-pressure stream (H) in a direction that is essentially transverse to the workpiece rotational axis onto a point of incidence (A) in an edge region between the blocking piece and the workpiece. The device also comprises a second moving device (18) for generating a relative movement between the nozzle and the workpiece. The aim of the invention is to enable the blocking of the workpieces as securely, damage-free, and quickly as possible. This is achieved in that the second moving device has a nozzle guiding portion (20) on which the nozzle is mounted and by means of which the nozzle can be positioned with respect to the blocking piece in a cam-controlled manner in order to aim the pressure medium high-pressure stream towards the point of incidence in a defined manner.

IPC 8 full level

B24B 13/005 (2006.01)

CPC (source: EP US)

B24B 13/0057 (2013.01 - EP US); **Y10T 29/53** (2015.01 - EP US)

Cited by

EP3546122A1; EP3135430A1; DE102015011031A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102010010334 A1 20110908; DE 102010010334 B4 20120119; BR 112012022105 A2 20171031; BR 112012022105 B1 20210406; CN 102821912 A 20121212; CN 102821912 B 20150422; EP 2542383 A1 20130109; EP 2542383 B1 20140416; HK 1174306 A1 20130607; US 2013061462 A1 20130314; US 9120196 B2 20150901; WO 2011107227 A1 20110909

DOCDB simple family (application)

DE 102010010334 A 20100304; BR 112012022105 A 20110223; CN 201180012067 A 20110223; EP 11707791 A 20110223; EP 2011000862 W 20110223; HK 13101656 A 20130206; US 201113582221 A 20110223