

Title (en)
Optical element holding device

Title (de)
Aufnahmevorrichtung für ein optisches Element

Title (fr)
Dispositif de maintien pour élément optique

Publication
EP 1649977 A1 20060426 (DE)

Application
EP 05022631 A 20051018

Priority
DE 102004051155 A 20041021

Abstract (en)
The device has a pressure piece (9) that is in contact with an optical unit (2), and adapted to force distribution to be expected inside the unit during processing of the unit. A force applying device (3) presses the unit against an abrasive tool (4) during abrasive processing. The applying device has a supplying borehole that is arranged in a base plate and acts on the pressure piece, where the piece has a material on its side. An independent claim is also included for a method for abrasive processing of the optical unit.

IPC 8 full level
B24B 13/005 (2006.01); **B24B 41/06** (2012.01)

CPC (source: EP US)
B24B 13/005 (2013.01 - EP US); **B24B 41/061** (2013.01 - EP US)

Citation (search report)
• [X] US 5357716 A 19941025 - KISHIDA TAKAYUKI [JP], et al
• [X] US 3886696 A 19750603 - BRUCK ERHARD
• [XA] US 2441108 A 19480504 - TURNER JOHN R
• [A] US 5951375 A 19990914 - MANDLER ROLAND [DE]

Cited by
CN102725103A; US8951097B2; WO2011076904A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1649977 A1 20060426; DE 102004051155 A1 20060427; JP 2006116697 A 20060511; US 2006089088 A1 20060427

DOCDB simple family (application)
EP 05022631 A 20051018; DE 102004051155 A 20041021; JP 2005307182 A 20051021; US 25376505 A 20051019