

Title (en)  
METHOD OF PROCESSING INFORMATION FOR MACHINING AN EYEGLASS LENS, EYEGLASS LENS MACHINING APPARATUS, AND COMPUTER PROGRAM

Title (de)  
INFORMATIONSVERRARBEITUNGSVERFAHREN FÜR DIE MASCHINELLE BEARBEITUNG EINES BRILLENGLASES, BRILLENGLASBEARBEITUNGSGERÄT UND COMPUTERPROGRAMM

Title (fr)  
PROCÉDÉ DE TRAITEMENT DES INFORMATIONS POUR L'USINAGE D'UN VERRE DE LUNETTES, APPAREIL D'USINAGE DE VERRE DE LUNETTES ET PROGRAMME INFORMATIQUE

Publication  
**EP 3957452 A1 20220223 (EN)**

Application  
**EP 21191069 A 20210812**

Priority  
JP 2020137672 A 20200817

Abstract (en)  
An eyeglass lens machining apparatus includes a machining tool, a machining drive unit, and an information processing apparatus. The machining tool includes a peripheral edge machining tool that machines a peripheral edge of an eyeglass lens. The machining drive unit includes a peripheral edge machining drive unit that drives the peripheral edge machining tool. The information processing apparatus acquires machining information which indicates at least one of machining details and machining period of time for machining an eyeglass lens by the machining tool, and processes the acquired machining information to generate status information which indicates a usage state of the eyeglass lens machining apparatus.

IPC 8 full level  
**B28D 1/14** (2006.01); **B24B 9/14** (2006.01); **B24B 49/03** (2006.01)

CPC (source: EP)  
**B24B 9/148** (2013.01); **B24B 49/03** (2013.01); **B28D 1/143** (2013.01)

Citation (applicant)  
• JP 2018004930 A 20180111 - NIDEK KK  
• JP 2003145328 A 20030520 - NIDEK KK

Citation (search report)  
• [X] US 5643052 A 19970701 - DELATTRE LUC [FR], et al  
• [X] US 8931899 B2 20150113 - LEMAIRE CEDRIC [FR], et al  
• [XYI] EP 3479955 A1 20190508 - SATISLOH AG [CH]  
• [X] EP 1221356 A1 20020710 - NIDEK KK [JP]  
• [X] US 2008131222 A1 20080605 - SCHAEFFER KURT WILLIAM [US]  
• [X] EP 3483681 A1 20190515 - ESSILOR INT [FR]  
• [Y] US 2017316323 A1 20171102 - NAKANISHI GIICHI [JP], et al  
• [Y] EP 1043121 A1 20001011 - TOPCON CORP [JP], et al

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3957452 A1 20220223**; **EP 3957452 B1 20240612**; JP 2022033653 A 20220302

DOCDB simple family (application)  
**EP 21191069 A 20210812**; JP 2020137672 A 20200817