

Title (en)  
CENTERING APPARATUS AND PROCESS

Title (de)  
ZENTRIERVORRICHTUNG UND -VERFAHREN

Title (fr)  
APPAREIL ET PROCÉDÉ DE CENTRAGE

Publication  
**EP 3943240 A1 20220126 (EN)**

Application  
**EP 20305854 A 20200724**

Priority  
EP 20305854 A 20200724

Abstract (en)  
The invention relates to a centering apparatus including:- a chassis,- a holder mounted on the chassis, which is suitable for receiving an ophthalmic lens, and- centering means mounted on the chassis, which include:- a camera for acquiring images of the ophthalmic lens when received on the holder, and- a screen for displaying the images acquired by the camera and a centering target superimposed onto said images, said centering target comprising two coaxial and parallel outlines (150, 151).

IPC 8 full level  
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CPC (source: EP US)  
**B24B 9/144** (2013.01 - US); **B24B 13/0055** (2013.01 - EP US); **B24B 9/144** (2013.01 - EP)

Citation (applicant)  
WO 2019166654 A1 20190906 - ESSLOR INT [FR]

Citation (search report)  
• [XAI] EP 1149664 A2 20011031 - NIDEK KK [JP]  
• [X] US 2002026262 A1 20020228 - OKADA HIROYUKI [JP], et al  
• [X] US 9645043 B2 20170509 - ALLIONE PASCAL [FR]  
• [A] US 2017163857 A1 20170608 - TANG DAVID C [FR], et al  
• [A] JP 2011161556 A 20110825 - TOPCON CORP

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US 2023249308 A1 20230810; WO 2022017657 A1 20220127

DOCDB simple family (application)  
**EP 20305854 A 20200724**; BR 112023000250 A 20210505; CN 202121380370 U 20210621; CN 202180061020 A 20210505;  
EP 2021061901 W 20210505; US 202118015494 A 20210505