

Title (en)
SPECTACLES FRAME WITH ARMS MOUNTING BY PIVOTING ABOUT A HINGE KNUCKLE WHILE APPLYING A COMPRESSION FORCE

Title (de)
BRILLENFASSUNG MIT BÜGELMONTAGE DURCH DREHUNG UM EIN SCHARNIER BEI ANWENDUNG VON DRUCKKRAFT

Title (fr)
MONTURE DE LUNETTES A BRANCHES SE MONTANT PAR PIVOTEMENT AUTOUR D'UN CHARNON EN EXERCANT UN EFFORT DE COMPRESSION

Publication
EP 2638425 A1 20130918 (FR)

Application
EP 11773265 A 20111021

Priority
• FR 1004370 A 20101108
• EP 2011068488 W 20111021

Abstract (en)
[origin: WO2012062555A1] Spectacles frame comprising a frame front and two arms (3) pivoting about a main axis of pivoting (7) in order to unfold or refold the arms (3) in relation to the frame front and which pivot about an auxiliary pivot axis (9) in order to mount the arms (3) on the frame front (1) in the position of pivoting about the main axis (7), in which a hinge knuckle (11) fixed to the frame front and respectively to the arms (3), is inserted into an opening (21) formed in the arms (3) and respectively in the frame front. According to the invention, two pivot heads (13) project into the opening (21) formed in the arms (3) and respectively in the frame front, and the hinge knuckle (11) comprises two cam ways (18) about the auxiliary axis of pivoting (9) and on which the pivot heads (13) apply a compressive force against the deformation of the opening (21), of the pivot heads (13) or of the hinge knuckle (11) during the auxiliary pivoting (9) of the arms, the two cam ways (18) being delimited by two housings (12) extending along the main axis of pivoting (7) into which housing the pivot heads (13) become inserted in order to maintain a compressive force when the arms (3) pivot about the main axis (7).

IPC 8 full level
G02C 5/22 (2006.01)

CPC (source: EP KR US)
G02C 5/22 (2013.01 - KR); **G02C 5/2209** (2013.01 - EP US); **G02C 5/2263** (2013.01 - EP US)

Citation (search report)
See references of WO 2012062555A1

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)
FR 2967264 A1 20120511; **FR 2967264 B1 20121130**; CA 2855706 A1 20120518; CN 103261948 A 20130821; EP 2638425 A1 20130918; JP 2013541739 A 20131114; KR 20140001937 A 20140107; RU 2013126434 A 20141220; US 2013229616 A1 20130905; WO 2012062555 A1 20120518

DOCDB simple family (application)
FR 1004370 A 20101108; CA 2855706 A 20111021; CN 201180061318 A 20111021; EP 11773265 A 20111021; EP 2011068488 W 20111021; JP 2013537062 A 20111021; KR 20137014790 A 20111021; RU 2013126434 A 20111021; US 201113883616 A 20111021