

Title (en)
SAFETY GLASSES HAVING OPTICALLY CORRECTIVE LENSES

Title (de)
SCHUTZBRILLE MIT OPTISCH KORRIGIERENDEN GLÄSERN

Title (fr)
LUNETTES DE PROTECTION DOTÉES DE VERRES CORRECTEURS OPTIQUES

Publication
EP 3066520 A1 20160914 (DE)

Application
EP 14830789 A 20141031

Priority

- DE 202013104927 U 20131104
- DE 2014100386 W 20141031

Abstract (en)
[origin: WO2015062587A1] The problem addressed by the invention is that of creating safety glasses that can be equipped with optically corrective lenses in a simple and economical manner. This problem is solved by means of safety glasses having integrated correction lenses, wherein connecting means in the style of retaining frames are arranged in or on the safety glasses in order to accommodate the correction lenses, comprising adapter rings (1) as compensating bodies between the curvature of the outer contour of the safety glasses and the curvature of the inserted correction lenses, wherein the correction lenses of different power are matched to the adapter rings (1) in a uniformly accurately fitting manner at the periphery of the correction lenses in the curvature and shape of the correction lenses and different powers of correction lenses can be inserted into the adapter rings (1) in the space between the safety glasses and the inner curvature (2) of the adapter rings (1), wherein the adapter rings (1) are thicker in the nasal region and taper temporally, approximately in a wedge shape.

IPC 8 full level
G02C 1/00 (2006.01); **A61F 9/02** (2006.01); **G02C 9/00** (2006.01)

CPC (source: EP US)
A61F 9/025 (2013.01 - EP US); **G02C 1/10** (2013.01 - EP US); **G02C 3/003** (2013.01 - US); **G02C 5/02** (2013.01 - US); **G02C 5/143** (2013.01 - US); **G02C 9/00** (2013.01 - EP US); **G02C 11/08** (2013.01 - US); **A61F 2009/021** (2013.01 - EP US)

Citation (search report)
See references of WO 2015062587A1

Citation (examination)

- WO 9954000 A1 19991028 - ANTON WOLFGANG [DE]
- DE 1208909 B 19660113 - MED OPTIES INC

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)
DE 202013104927 U1 20131120; DE 112014005037 A5 20160908; EP 3066520 A1 20160914; US 10429674 B2 20191001; US 2016299358 A1 20161013; WO 2015062587 A1 20150507

DOCDB simple family (application)
DE 202013104927 U 20131104; DE 112014005037 T 20141031; DE 2014100386 W 20141031; EP 14830789 A 20141031; US 201415034045 A 20141031