

ABSTRACT

PROCESS FOR MANUFACTURING AN OPHTHALMIC LENS

There is described a process for manufacturing an ophthalmic lens and an apparatus for forming an ophthalmic lens, in particular a silicone hydrogel contact lens, wherein in a mold assembly a first and a second mold half (101, 102) are first arranged in an intermediate closed position in which the mold surfaces of the two mold halves are spaced apart from each other at a distance increase (d_1) of preferably 1 to 100 μm relative to a final distance (d_0) in a final closed position, and wherein, during curing of the lens forming material (202), the mold surfaces (105, 106) of the mold halves (101, 102) are actively or passively moved or moving from the intermediate closed position to the final closed position, where the distance increase (d_1) is 0.

FIG. 4