

ORTHOKERATOLOGY CONTACT LENS FOR TREATING MYOPIA

ABSTRACT

An orthokeratology contact lens for controlling myopia, comprising a curved front side and a back side intended to be applied to the eye, said back side defining: a central area designed to align with the optical area of the eye, and a peripheral area, concentric to the central area, which comprises an annular portion defining a tear accumulation area (7); the annular portion comprising a first segment (2), which extends concentrically in relation to the central area, up to an annular limit line (LL1), and a second segment (3) which extends from the annular limit line concentrically in relation to the central area, configured to extend up to the cornea; the first segment and the second segment form a broken line, such that the annular limit line defines a peak with the height of a tear (h_1).

[FIG. 2]