

(12) **United States Patent**  
**Drobe et al.**

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(54) **PROCESS FOR DETERMINING A PAIR OF PROGRESSIVE OPHTHALMIC LENSES**

(52) **U.S. Cl.**  
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(58) **Field of Classification Search**  
None  
See application file for complete search history.

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(57) **ABSTRACT**

The visual perception of a lens wearer is not only along the gaze direction, but also has a non-zero transverse extension, which is called perceptual span. Perceptual span is skewed to extend further in the reading direction, i.e., the line portion to be read next relative to the line portion that was just read. A technique is provided that determines a pair of progressive ophthalmic lenses that take such perceptual span into account.

**14 Claims, 16 Drawing Sheets**

(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 92 days.

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