

Title (en)  
INDIVIDUAL SPECTACLE GLASS

Title (de)  
INDIVIDUELLES BRILLEGLAS

Title (fr)  
VERRE DE LUNETTES INDIVIDUEL

Publication  
**EP 1676168 A1 20060705 (DE)**

Application  
**EP 04790775 A 20041022**

Priority  
• EP 2004011983 W 20041022  
• DE 10349721 A 20031023

Abstract (en)  
[origin: WO2005040893A1] The invention relates to an individual spectacle glass comprising a long-sighted vision area for long-sight distances, in particular infinitely distant regions, a short sighted vision area for short-sight distances, in particular reading distances and a progression area which is situated between the long-sighted and short-sighted areas and in which the spectacle glass effect increases the value of a long-sight reference point which is called a long-sight vision value and located in the long-sighted vision area to the value of a short-sight reference point which is called a short-sight vision value and located in the short-sighted vision area along a spiral curve towards a nose called a main line. A vertical distance between the short-sight reference point and the long-sight reference point is equal to or less than 18 mm. The progression length is equal to or less than 14 mm. The length progression length is equal or less than 10 mm. The increase of the power of a lens produced by the action of the spectacle glass on the long-sight reference point to a point situated 2 mm below a centring point is less by 10 % of the addition and the progressive length substantially corresponds to the vertical distance between the long-sight reference point and a point substantially situated on the main line. Starting from the long-sight reference point, the effect value of the spectacle glass for the first time substantially corresponds to the short-sight value. The use of the inventive spectacle glass is also disclosed.

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**G02C 7/02**

IPC 8 full level  
**G02C 7/02** (2006.01)

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**G02C 7/063** (2013.01 - EP US); **G02C 7/065** (2013.01 - EP US)

Citation (search report)  
See references of WO 2005040893A1

Citation (examination)  
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