Title (en)

SERIES FOR PROGRESSIVE SPECTACLE LENSES

Title (de)

SERIE PROGRESSIVER BRILLENGLÄSER

Title (fr)

SERIE DE VERRES PROGRESSIFS DE LUNETTES

Publication

EP 0754312 A1 19970122 (DE)

Application

EP 95935816 A 19951028

Priority

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Abstract (en)

[origin: US5880810A] PCT No. PCT/DE95/01499 Sec. 371 Date Jun. 28, 1996 Sec. 102(e) Date Jun. 28, 1996 PCT Filed Oct. 28, 1995 PCT Pub. No. WO96/13748 PCT Pub. Date May 9, 1996A series of progressive ophthalmic lenses, each having a varying surface power in a distance part and/or a varying increase in surface power from a distance part to a near part, includes a front surface having a continuously varying surface power and an eye-facing surface, principal sections of which have varying powers and at least one of which deviates from a circular form. The lenses have astigmatic power and are distinguished by a deviation (dz) between an apex circle and a sagitta of each principal section, as given by the equation:dz=aj*r2+bj*r4with coefficients |aj|</=2*10-4 mm-1|bj|</=1*10-6 mm-3and where coefficients aj2 and bj2 are yielded by the following functionals:aj=fj1 (sph,zyl)=aj1 (sph)+bj1 (sph)*zylbj=fj2 (sph,zyl)=aj2 (sph)+bj2 (sph)*zylwith coefficients aj2 and bj2 being a function of a second order.

IPC 1-7

G02C 7/02

IPC 8 full level

G02C 7/06 (2006.01); **G02C 7/02** (2006.01)

CPC (source: EP US)

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Citation (search report)

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