

Title (en)

VACUUM COATING UNIT AND A METHOD FOR THE DIFFERENTIATED COATING OF SPECTACLE LENSES

Title (de)

VAKUUMBESCHICHTUNGSANLAGE UND EIN VERFAHREN ZUM ZONENWEISE BESCHICHTEN VON BRILLENGL SERN

Title (fr)

DISPOSITIF D'APPLICATION DE REVETEMENT SOUS VIDE ET PROCEDE D'APPLICATION DE REVETEMENT SUR CERTAINES ZONES, SUR DES VERRES DE LUNETTES

Publication

**EP 1702087 A2 20060920 (DE)**

Application

**EP 04738592 A 20040603**

Priority

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- DE 10324928 A 20030603

Abstract (en)

[origin: WO2004108977A2] According to the invention, spectacle lenses (4), for example, may be provided with a coating which is not uniform by means of the provision of screens, said screens being aperture rings (10), arranged concentric to a symmetry axis of the vapourising crucible (6) in a vacuum coating unit, by means of a screen holder. The spectacle lenses (4) are arranged on a substrate holder (1) also in circles (3) about the symmetry axis, whereby the shadows cast by the aperture rings (10) cover but a partial region of the spectacle lenses (4) such that said regions of the lenses receive less coating than in the unshaded free regions. The aperture rings (10) are exchangeable in order to match the coating process to the customer requirements. Furthermore, the separation of the substrate holder (1) from the aperture rings (10) is adjustable.

IPC 8 full level

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CPC (source: EP US)

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