

Title (en)
MULTIREGION HEATED EYE SHIELD

Title (de)
BEHEIZTE MULTIREGIONALE AUGENSCHUTZBLENDE

Title (fr)
ÉCRAN OCULAIRE CHAUFFÉ À RÉGIONS MULTIPLES

Publication
EP 3048919 A4 20170621 (EN)

Application
EP 14848178 A 20140926

Priority
• US 201314040683 A 20130929
• US 2014057887 W 20140926

Abstract (en)
[origin: WO2015048564A1] Eye shield device adapted for fog prevention for use in a ski goggle, dive mask, medical or testing face shield or the like, while preventing undesirable hot spots on the eye shield, comprising an optically-transparent substrate, a plurality of conductive regions defined on the substrate and connected to a powered circuit of one or more channels. The regions on the substrate are electrically isolated from each other in a first embodiment, and the regions on the substrate are not electrically isolated, or contiguous with adjacent regions on the substrate, in a second embodiment. The regions may be uniformly-sized or of varying sizes and shapes from one region to the next region, and resistivity per square of heating material applied to the regions may be selected based on formulation of the heating material and/or thickness of the heating material.

IPC 8 full level
A42B 3/24 (2006.01); **A61F 9/02** (2006.01); **A61F 9/06** (2006.01)

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Citation (search report)
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DOCDB simple family (publication)
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