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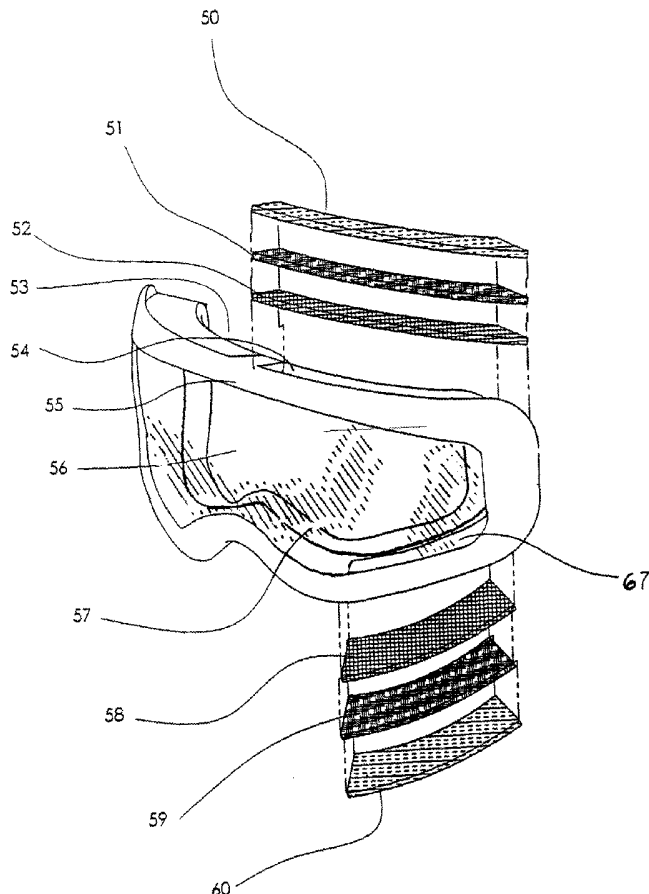
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(54) Title: ELECTROSTATIC FILTERED EYEWEAR



(57) Abstract: An eyewear has a gasket (53) between the user and lenses (56) that electrostatically filter the air flow of particulate while still permitting a gentle flow of air to maintain comfort to the wearer of the eyewear, and prevent fogging on the lenses. The electret filter material (59) forms a perimeter around the eyes and lenses (56) to remove, small to large particulates, from microns to millimeters. The filters (51, 59) can be formed with a choice of face contact gasket, baffles, coarse filters, and electret filter density. Baffles or coarse filters over the electret filters are used to protect the electret filter from damage from larger particles and transfer heat to the airflow.

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 IPC(7) : G02C 11/08; A61F 9/02
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 According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
 Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 351/41, 44, 62, 158; 2/435, 436, 437

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,966,746 A (REEDY et al) 19 October 1999 (19.10.99), Figs. 5-8, columns 3-5.	1-7,10-49
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Y		8,9,50-53
Y,P	US 6,543,450 B1 (FLYNN) 8 April 2003 (08.04.03), Fig. 4, columns 8-10.	8,9,50-53
X	US 2001/0029623 A1 (TSUBOOKA) 18 October 2001 (18.10.01), see entire document.	1-7,10-49
A	US 6,049,917 A (RYDEN) 18 April 2000 (18.04.00), see entire document.	1-53
X	US 6,076,196 A (MASUMOTO) 20 June 2000 (20.06.00), see entire document.	1-7, 10-49
A	US 5,115,804 A (BROOKMAN) 26 May 1992 (26.05.92), see entire document.	1-53

Further documents are listed in the continuation of Box C. See patent family annex.

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INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 3:

EAST

search terms: electrostatic, filter, electret, neutralizing, heat transfer, eyeglasses, eyewear, spectacles, goggles.