

## ABSTRACT

### HEARING AID ADAPTED FOR SUPPRESSION OF WIND NOISE

A hearing aid (100) having a microphone, a signal processing unit, an electrical- acoustical output transducer, a housing (101) and a wind shield cover (102) wherein the housing has a surface with a microphone inlet (112, 113), and the wind shield cover is adapted to be attached to the housing, to cover the microphone inlet, to provide for sound to be guided in a gap between the wind shield cover and the housing, hereby providing for the transmission of sound from the surroundings and to said microphone inlet, wherein a first dimension of a cross-section of the gap is in the range between 0.15 mm and 0.5 mm, and wherein the minimum distance, along the gap, from the microphone inlet and to the opening of the gap, towards the surroundings, is at least 3 mm.

Fig. 1