

# **NEURAL NETWORK DATA FILTERING AND MONITORING SYSTEMS AND METHODS**

## **ABSTRACT**

Systems and methods are disclosed for filtering data in a neural network environment to filter out inappropriate content. In some embodiments, a data signal including a sensible representation is received. The sensible representation included in the data signal is produced in a sensible format. From the sensible representation in the sensible format, a clean copy of the sensible representation can be generated such that any inappropriate content present within the received data signal is not reproduced in the clean copy. Optionally, additional filtering can occur before and/or after the generating of the clean copy. The (filtered) clean copy of the sensible representation is sent to a network. Embodiments can permit the filtering of input to and/or output from a network.

Fig 1