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(54) **Title:** SYSTEM AND METHOD FOR UNSUPERVISED FEW-SHOT ADAPTIVE RELEARNING OF A DEEP LEARNING NEURAL NETWORK

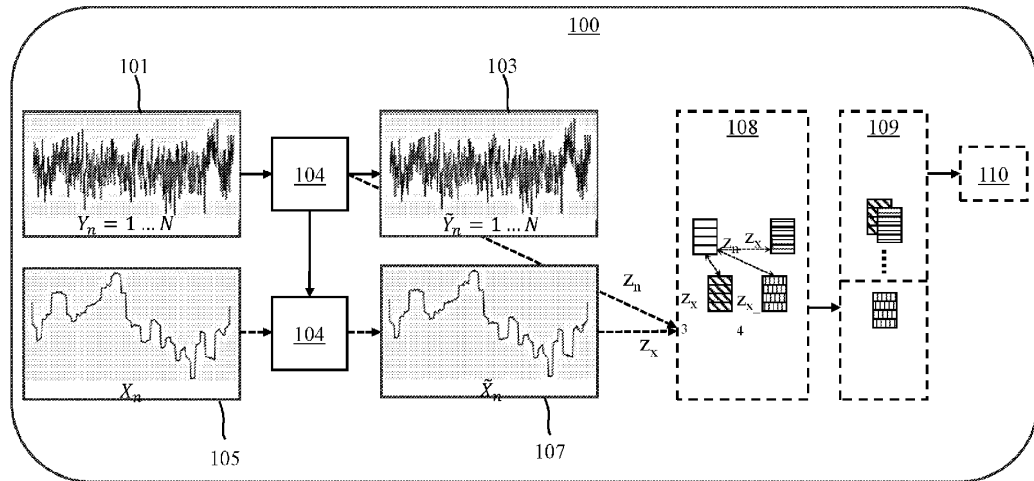


FIGURE 1

(57) **Abstract:** This document describes a system and method for performing targeted model re-learning of a trained deep learning neural network based on a small sample of data obtained from unlabelled evaluation data, where similarity values between predicted latent features of unlabeled non-target data and of labelled target data are computed and unlabeled non-target data with similarity values lower than a threshold are selected to fine-tune and re-train the neural network.

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