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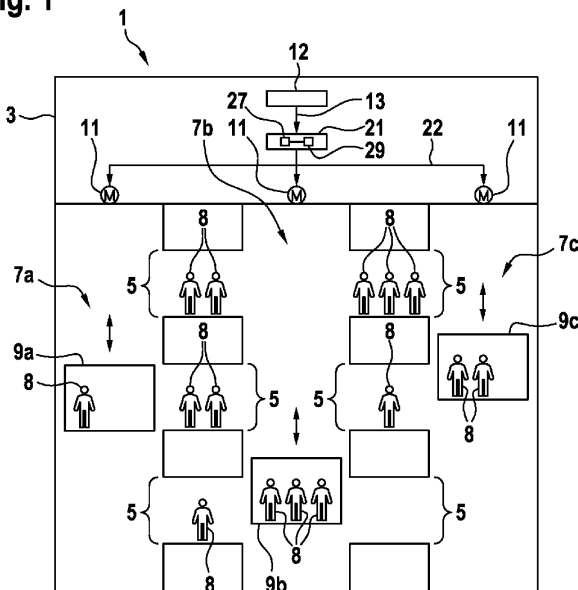
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(54) Title: METHOD FOR CONTROLLING AN ELEVATOR

Fig. 1



(57) Abstract: A method for controlling an elevator (1), which comprises cars (9a, 9b, 9c) arranged to be movable along different vertical axes between floors (5) of a building (3) and a sensor system (12) adapted to provide sensor data (13) indicative of a current state of the elevator, comprises: receiving the sensor data, which includes a current position (15) of each car with respect to the floors, a list (17) of current calls assigned to the cars and a new call (19) to be assigned to one of the cars, wherein each call indicates a desired floor of the building; generating a list (33) of eligible cars (9a, 9b) from a list (35) of the cars using the sensor data and at least one rule with which each car should comply when fulfilling the new call; inputting the sensor data as input data (14) into an artificial neural network (37) trained to convert the input data into one output value (39) for each car, wherein the output value indicates a probability and/or tendency for the car to be assigned to the new call; determining an item (9a) from the list of eligible cars as a selected car (43)

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using the output values; assigning the new call to the selected car.