

Abstract

5 A human-machine interface device (4) has a housing (28) which can be arranged
on a floor or on a wall of a building. A communication device (24), a recording
device (12), an optical projection module (14) and a control device (6) are
arranged in the housing (28). The communication device (24) sends and receives
data signals via a communication network (10), and the recording device (12)
10 records data relating to a user (2). The control device (6) is configured to transmit
user data recorded by the recording device (12) to a control system (8) of a
building system (1) by means of the communication device (24) and to control the
optical projection module (14) by means of routing information received from the
control system (8). The optical projection module (14) is configured to project
routing information (18) relating to the user (2) and visible to the user (2) onto the
15 floor or onto a projection surface (22) on the wall.

Fig. 1