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**Delbrück et al.**

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(54) **DEVICE FOR CONTROLLING A PHYSICAL SYSTEM**

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(57) **ABSTRACT**

A device for controlling a physical system, such as a flow of pedestrians, in an extended area is suggested. In comprises a plurality of identical cell units with preferably hexagonal shape. The cell units are assembled in tile-like manner to form a floor. Each cell unit is equipped with a weight sensor, lamps of different colors, and optical communication ports as well as power connectors for connecting it to its neighboring cells. The cell units can be programmed to generate signals that control the physical system, such as signs understood by the pedestrians. Due to its modularity and simple design, the device is easy to install and maintain.

**6 Claims, 3 Drawing Sheets**













