

Independent Platform Screen Door System

Abstract

The present invention provides a train platform screen door (PSD) system (100) independent from the train signaling system. The PSD system (100) includes a train positioning system (TPS) (140) and a position sensor (PS) (142, 142a). The PS (142, 142a) emits three curtain beams (L1-L3), with each curtain beam being in a plane for detecting a head or end of a train pulling in at a station. The PS (142, 142a) outputs signals to drive a set of indicator lights (N1-N3) to indicate distances of alignment of the train doors with the associated screen doors (30).

FIG. 1 for publication.