

Abstract

A transport device 10 transports a plurality of trays 70 and 80 of different types on which articles 90 can be placed. The transport device 10 includes a tray identification sensor 35 that identifies the types of the trays 70 and 80, and protrusion detection sensors 38, 39, 40, and 41 that detect articles 90 that are placed protruding from the trays 70 and 80. The tray identification sensor 35 identifies the types of trays 70 and 80 by detecting the characteristics of the trays 70 and 80. The protrusion detection sensors 38, 39, 40, and 41 detect the articles 90 according to the types of the trays 70 and 80 identified by the tray identification sensor 35.

FIG. 1