

ABSTRACT OF THE DISCLOSURE

A water-containing substance detection device that detects a water-containing rubbery polymer, includes
5 a conveyor configured to convey rubbery polymers; and a
detector configured to detect the water-containing rubbery
polymer among the rubbery polymers, conveyed by the
conveyor, by a temperature sensor. The conveyor has a
surface with an emissivity of 0.50 or more. The
10 temperature sensor has a frame rate falling within a range
of 5 Hz to 120 Hz. The detector detects the water-
containing rubbery polymer, near an ejection port of the
conveyor, and on a downstream side of the ejection port.

15 FIG. 1