

ABSTRACT OF THE DISCLOSURE

TIPPING DEVICE

A tipping device comprising a shaft with an upper part, a middle part and a lower part; a self-adjustable angular device through which the middle part of the shaft is mounted; a compression spring with its top end secured to the lower part of the shaft and its bottom end secured to a fixed support; a coned-shape wheel mounted on the upper part of the shaft rotatably is disclosed. The tipping device is inclined at an angle with its lower part at the junction of the induction and takeaway conveyor, and its upper part protruding over the takeaway conveyor; the direction of inclination is at 90 degrees to the direction of travel of the takeaway conveyor. The tipping device effectively tips over an object being conveyed from an induction conveyor to a takeaway conveyor and returns automatically to its rest position after every tipping action and every passing of an object by it on the takeaway conveyor.

(Fig. 1 is suggested for publication.)