

DUST COLLECTION APPARATUS, RESIN MOLDING APPARATUS, AND
RESIN MOLDED PRODUCT MANUFACTURING METHOD

Abstract

The present invention is a dust collection apparatus 30 that reduces the power consumption of a dust collection apparatus used in a resin molding apparatus. The dust collection apparatus 30 includes an air moving apparatus 31 driven by a motor 31a, and an inverter 32 configured to control the rotation speed of the motor 31a. The dust collection apparatus 30 is configured to collect dust from a dust collection port H5 provided in a molding die cleaner portion 9 configured to clean molding dies 11, 12. In the dust collection apparatus 30, the inverter 32 is configured to control the rotation speed of the motor 31a to be a first rotation speed R_H when the molding dies 11, 12 are cleaned by the molding die cleaner portion 9, and allow inertial rotation of the motor 31a by releasing electrical connection with the motor 31a after the cleaning of the molding dies 11, 12 by the molding die cleaner portion 9.

Fig. 3