

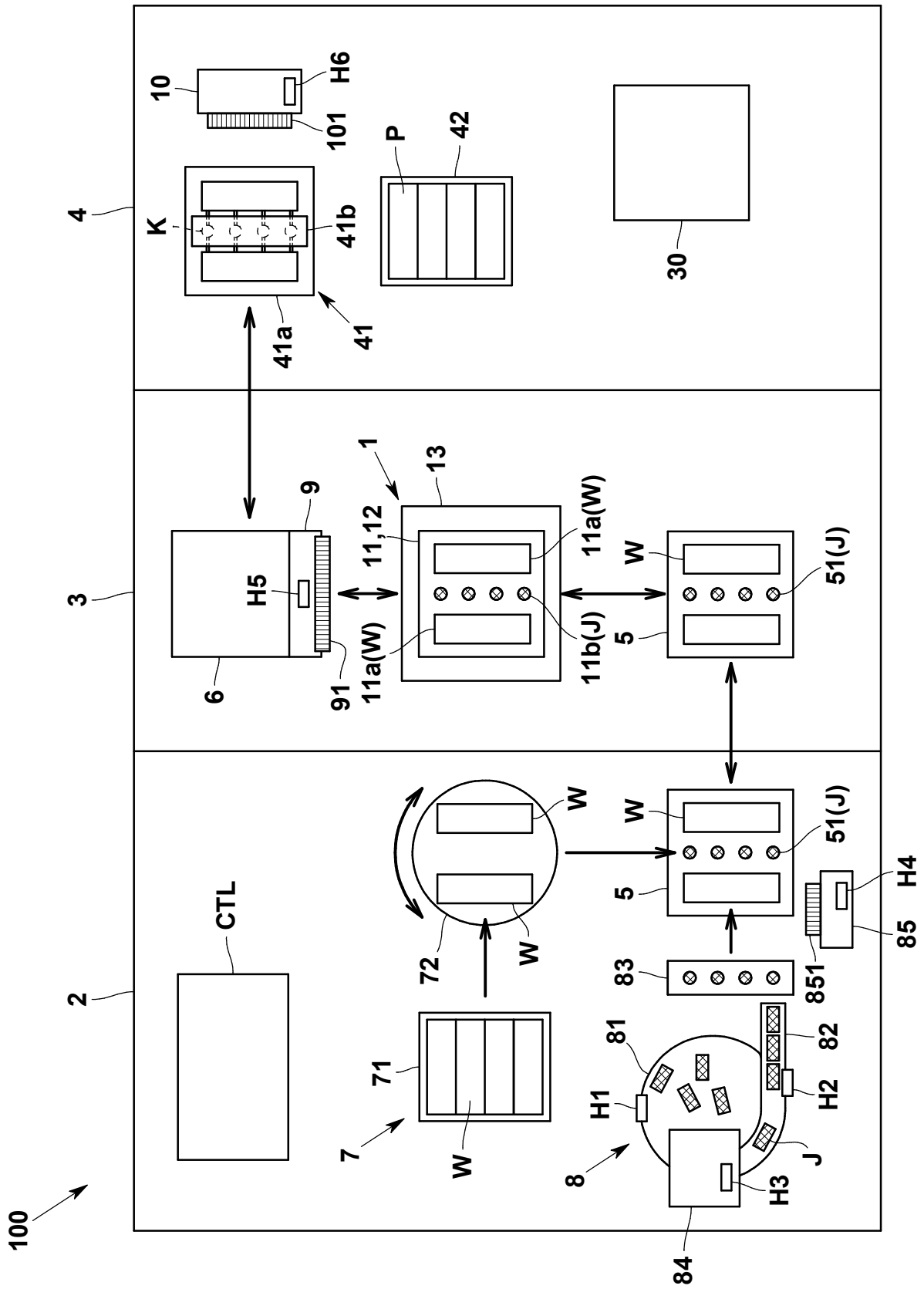
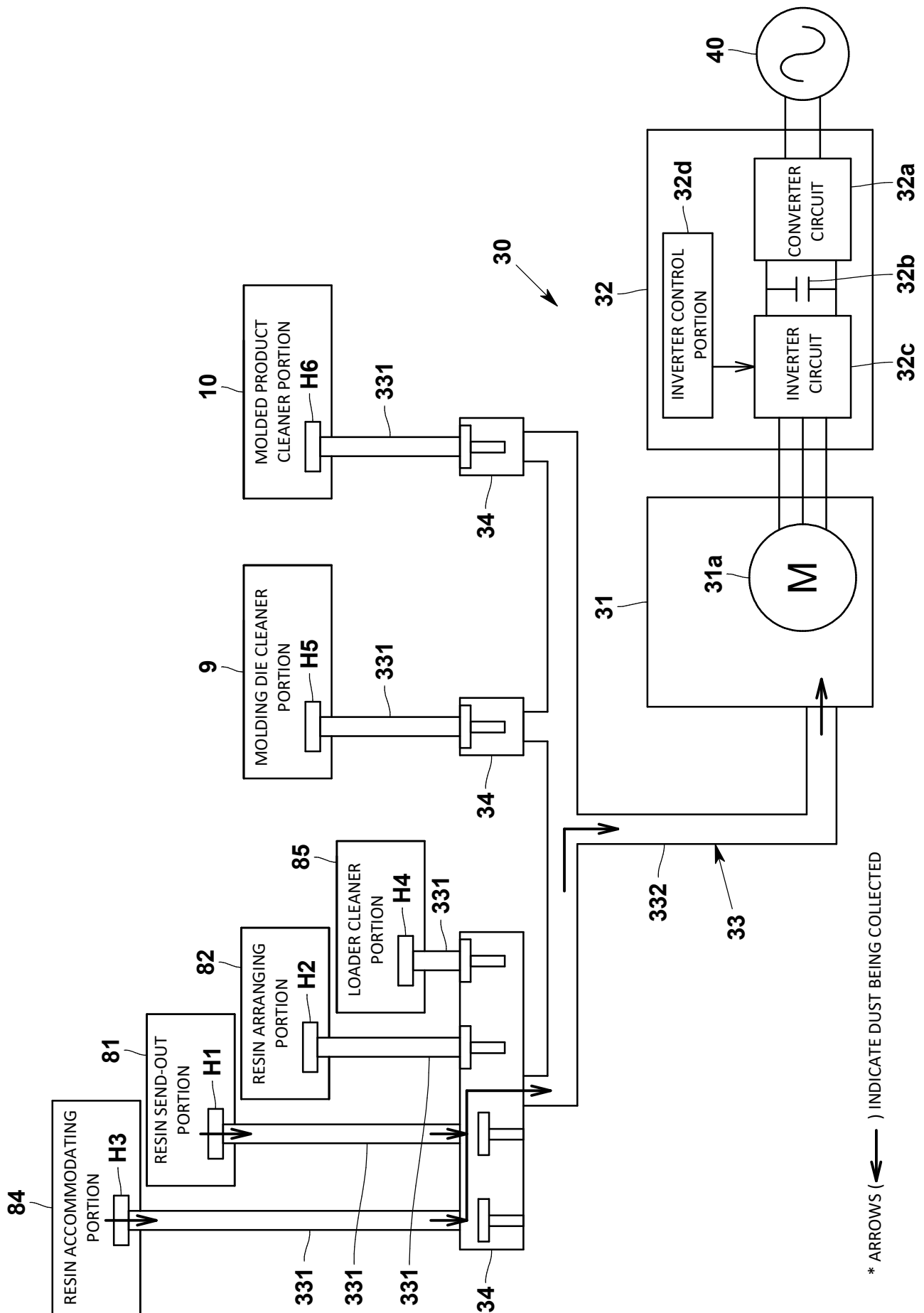


Fig.1



* ARROWS ( —) INDICATE DUST BEING COLLECTED

Fig.2

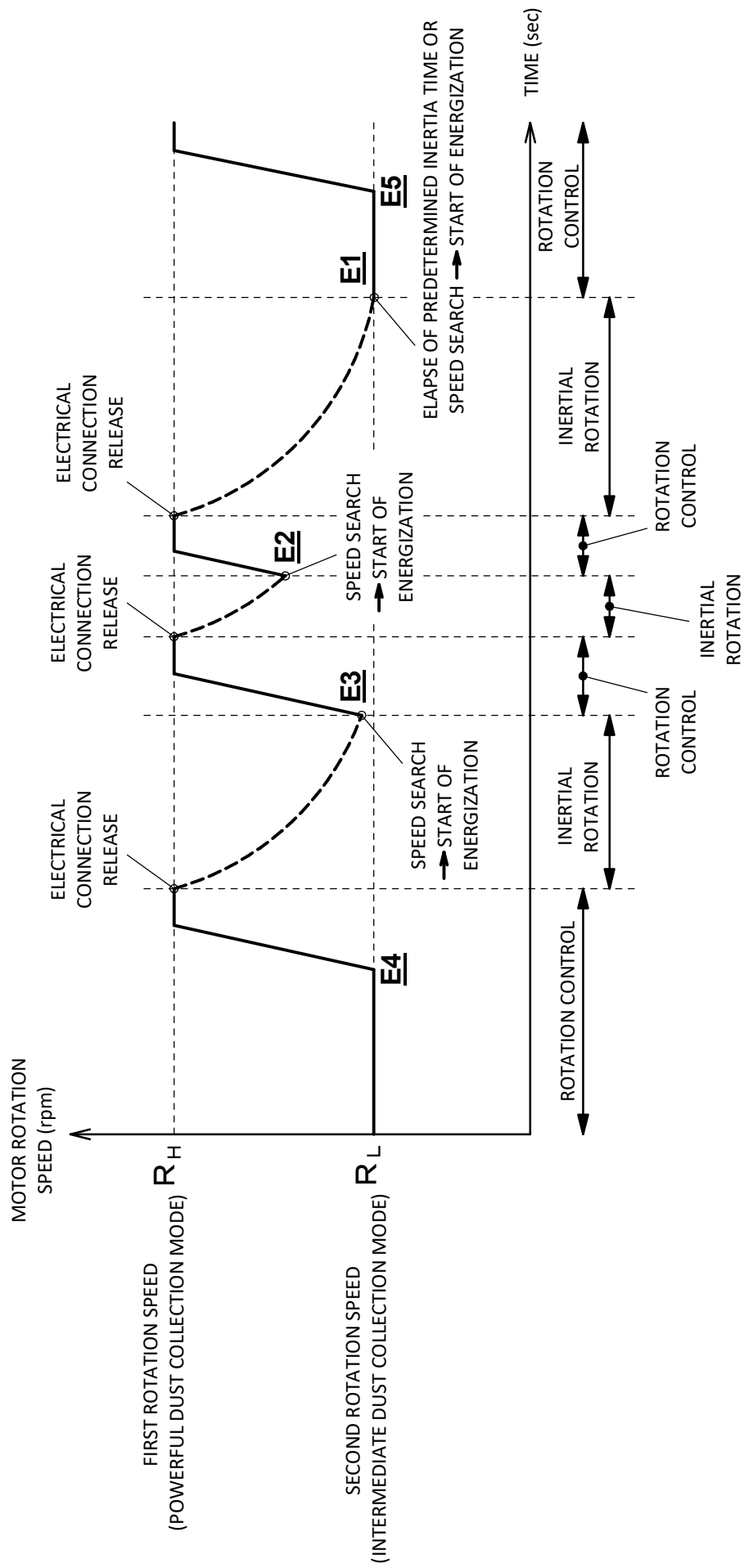
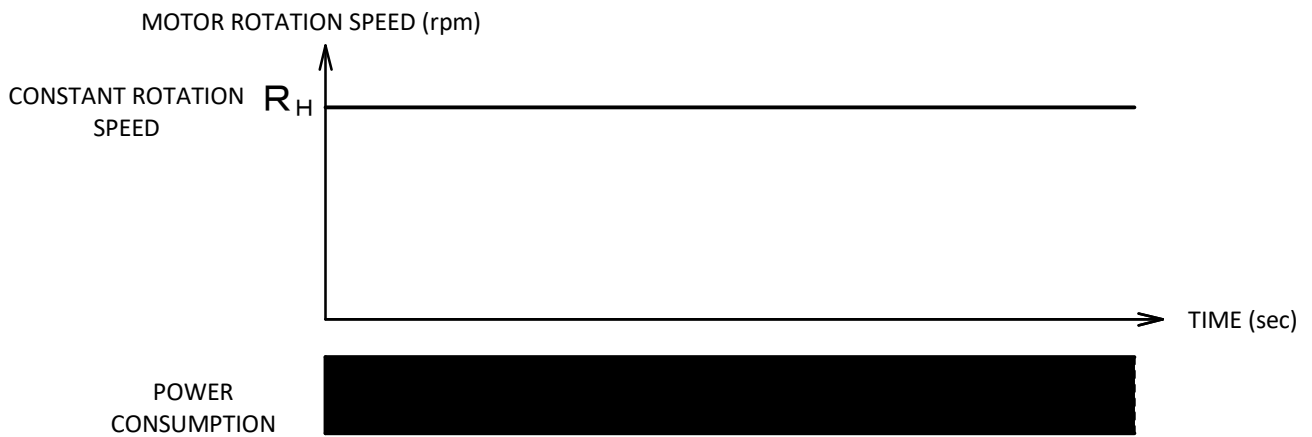
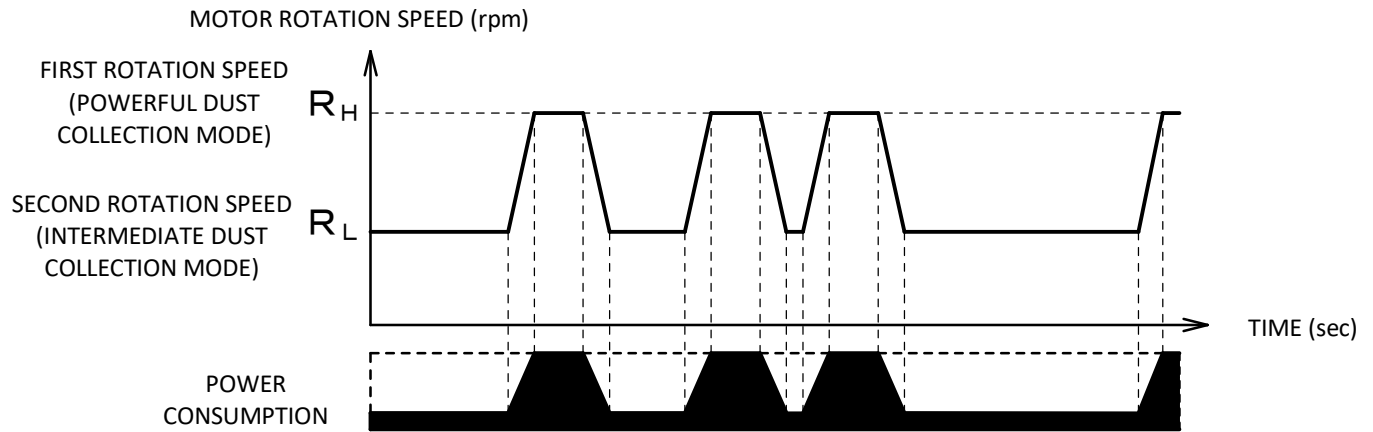


Fig.3

(a) RELATED-ART OPERATION MODE



(b) ONLY ROTATION CONTROL BY INVERTER



(c) ROTATION CONTROL BY INVERTER + INERTIAL ROTATION

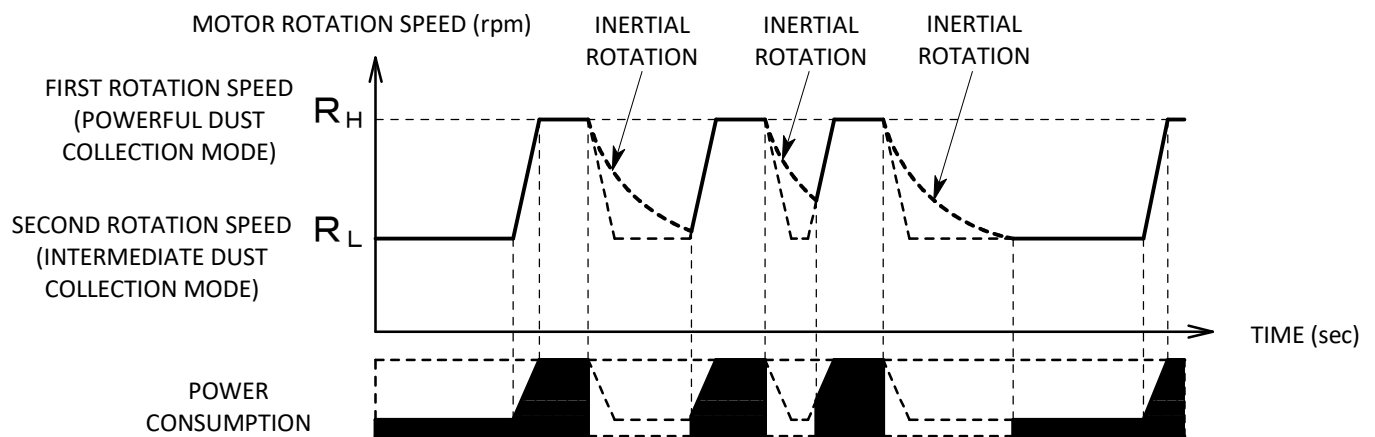


Fig.4

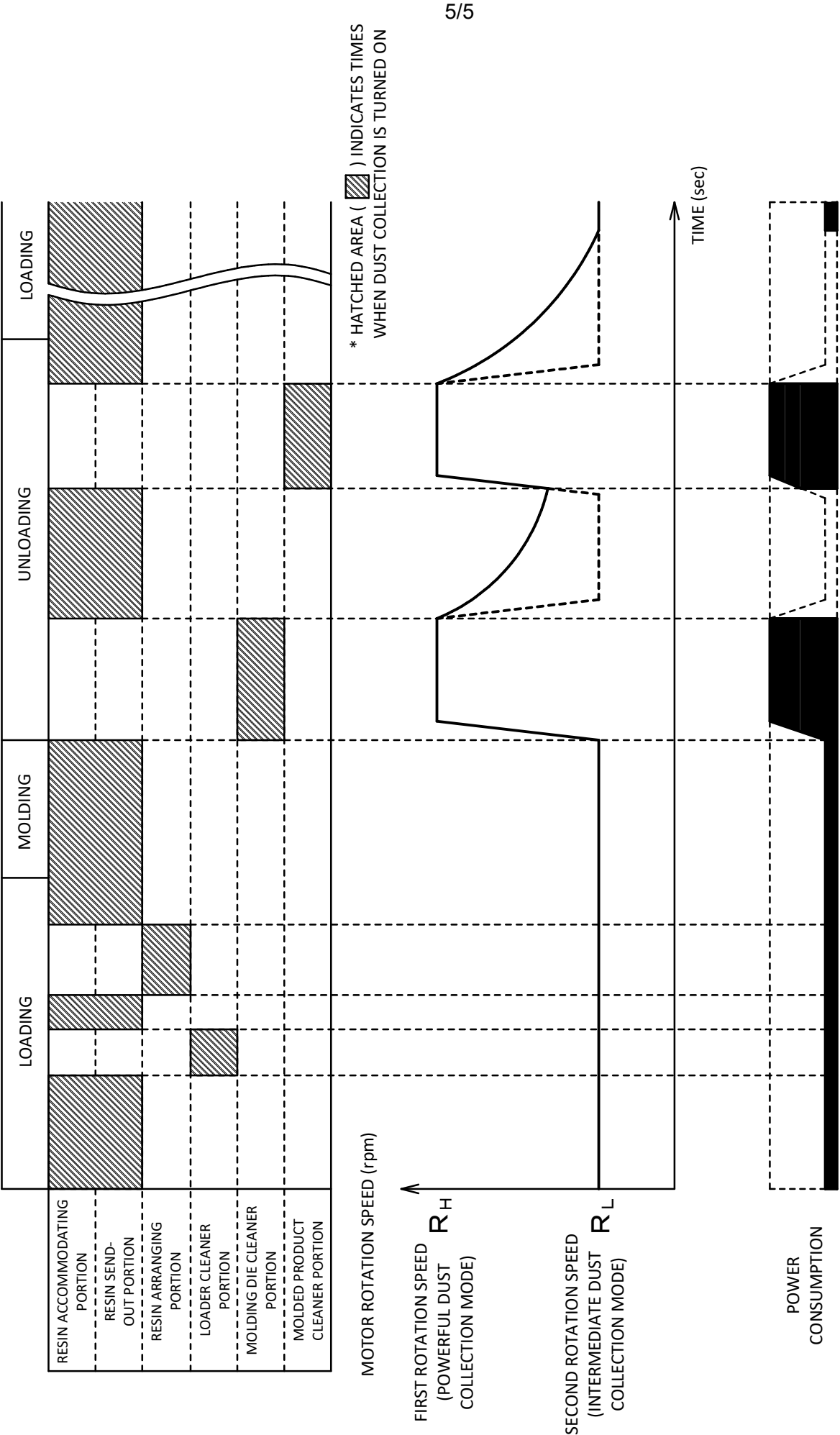


Fig.5