

ABSTRACT

POWDER CONTAINER AND IMAGE FORMING APPARATUS

A powder container contains powder used for forming an
5 image and is to be attached to an image forming apparatus.
The image forming apparatus includes: a conveying nozzle to
convey the powder; a powder receiving hole that is provided
on the conveying nozzle and receives the powder from the
powder container; an apparatus main-body gear to transmit a
10 driving force to the powder container; and a container
receiving section that is arranged around the conveying
nozzle and receives the powder container. The powder
container includes: an opening that is provided on one end
of the powder container in a longitudinal direction; a
15 nozzle receiver that is arranged in the opening and
receives the conveying nozzle; a rotary conveyor that
rotates to convey the powder to the powder receiving hole;
and a container gear that is provided near the opening and
drives the conveyor by meshing with the apparatus main-body
20 gear. The container gear is arranged so as to mesh with
the apparatus main-body gear at a position closer to the
opening than the powder receiving hole in the longitudinal
direction. The opening is to mate with the container
receiving section.

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Fig. 9