

ABSTRACT

SYSTEM FOR THE CONTAINED TRANSFER OF PARTICULATES

An economical and reliable system for the contained transfer of particulates, uses a series of transfer containers (140) to facilitate the particulate transfer without either exposure of the operating personnel and the environment to the particulate. The system employs a multiple o-ring canister assembly (110) optionally attached to the discharging port (120) or charging port (135) of a piece of processing equipment. The canister includes series of circumferential o-ring grooves (115) allowing the attachment of individual containers. Once the particulate is charged to the processing equipment, a first transfer container is collapsed and a second transfer container is placed in the next o-ring groove, thereby containing the remaining contaminated section (149) of the first transfer container. The first transfer container is removed through a bag-out sleeve (143) which is an integral part of the second transfer container.

Figure 1