

ABSTRACT

TRAMP METAL SEPARATION ASSEMBLY

A tramp metal separation assembly comprises a housing, a core rod and a sleeve tube. The housing includes a first and second discharging areas and a feeding area. The core rod includes a first and second non-magnetic sections and a magnetic section. The core rod is mounted on the housing in a way that the first and second non-magnetic sections correspond respectively to the first and second discharging areas and the magnetic section corresponds to the feeding area. The sleeve tube includes a first and second portions. The sleeve tube is sleeved outside the core rod in a way that it is moveable between a first position, wherein the first portion corresponds to the magnetic section and the second portion corresponds to the second non-magnetic section, and a second position, wherein the first portion corresponds to the first non-magnetic section and the second portion corresponds to the magnetic section.

Fig. 1