

Abstract

Method for treating bulk material composed of predominantly metallic objects and device for implementing such a method

The invention relates to a method for treating bulk material made of predominantly metal objects, having the steps of: - carrying out a process of individualizing objects in a supply step (S3), wherein the individualizing process leads to a substantially one-dimensional arrangement of individual parts one behind the other with a minimum spacing between one another that corresponds to the time interval required by an analysis system to analyze an object for a given supply speed; - carrying out an X-ray fluorescence analysis (XRF analysis) or a laser-induced breakdown spectroscopy (LIBS) of individual objects provided in the supply step by means of an analysis system in an analysis step (S4); - ascertaining the material composition of the individual objects of the analysis step in an evaluation step (S5); and - carrying out a subsequent treatment step (87) in which the ascertained material composition of the individual objects is used as the basis for the subsequent treatment.

Figure 3