

ABSTRACT OF THE DISCLOSURE

A thermal Spraying apparatus and also a thermal
spraying process

The invention relates to a thermal spraying apparatus (1) for coating a surface (2) of a substrate (3) by means of a coating material (4). The thermal spraying apparatus (1) includes a spray pistol (5) with a heating device for heating the coating material (4) in a heating zone (6) and also a charging apparatus (7) with a feed (8) through which the coating material (4) can be introduced into the heating zone (6). In this arrangement the thermal spraying apparatus is so designed that a relative position (9) between the feed (8) and the heating zone (6) can be changed in the operating state.

Figure 1.