REFURBISHED BEARING AND METHOD OF REPAIRING A BEARING

ABSTRACT

A method of refurbishing a bearing is disclosed. The method includes providing a bearing having a tube structure and inner and outer surfaces. The bearing is mounted onto a mounting unit and a cladding head of a laser cladding unit is positioned within a bore of the bearing. The cladding head forms laser cladding layers disposed on the inner surface of the bearing. The cladding layers increase a thickness of the bearing and reduce an internal diameter of the bearing.

Fig. 2B