Machine for Replacing Disc tools

Abstract

This document discloses a method and a machine for automatically changing a disc tool to a tool holder of an automated machine working with the disc tools. The method comprises in the disc tool replacement machine: determining that the tool holder is in a replacement area in the disc tool replacement machine; unfastening a fixing member of the tool holder by applying an unfastening force to the fixing member, wherein the fixing member fixes a disc tool to a backing plate of the tool holder through a through hole at a centre of the disc tool; removing the disc tool from the tool holder after said unfastening; inserting a new disc tool to the tool holder; fastening the fixing member of the tool holder by applying a fastening force to the fixing member, thus fixing the disc tool to the backing plate of the tool holder through the through hole.

(Figure 1)