

CUTTING APPARATUS

ABSTRACT OF THE DISCLOSURE

A cutting apparatus includes a blade changing unit demounting an old cutting blade from a blade mount and mounting a new cutting blade to the blade mount. The blade changing unit includes a blade holder for holding a support base of each cutting blade and a moving portion for moving the blade holder in the axial direction of a boss portion of the blade mount in the condition where each cutting blade is held by the blade holder, thereby mounting the new cutting blade to the boss portion or demounting the old cutting blade from the boss portion. The cutting apparatus further includes a control unit controlling the blade changing unit. The control unit includes a measuring portion for measuring a signal indicating a force applied to the moving portion in mounting the new cutting blade to the blade mount or demounting the old cutting blade from the blade mount and a determining portion for determining the condition of the blade changing unit and the blade mount according to the signal measured by the measuring portion.

FIGURE 4