

ABSTRACT

METHOD AND APPARATUS FOR FORGING A HARD DISK DRIVE BASE PLATE WITH AN EXTENDED HEIGHT

A method and apparatus for forging a hard disk drive base plate with an extended height is described. The method may include advancing an initial hard disk drive base plate to a first forging stage of a sequence of progressive forging stages for forming the hard disk drive base plate, wherein a sequence of forgings are performed over the sequence of progressive forging stages to progressively form parts for a hard disk drive base plate. The method may also include performing a first forging operation on the initial hard disk drive base plate, preheating the hard disk drive base plate, and then performing a second forging operation on the preheated hard disk drive base plate.

Figure 1