

ABSTRACT OF THE DISCLOSURE (FIG. 1)

"BORING MACHINE"

A boring machine for boring a hole in a work piece (50) comprises a body (1) which can be attached to the work piece, and a motor (6) fixed to the body. The boring machine further comprises a hollow spindle (3) rotatably held on the body (1) and rotated by the motor, a shaft (2) provided movably in the hollow spindle, having a cutter (4) capable of boring a hole in the work piece, and rotated together with the hollow spindle; and a feed mechanism (5) provided adjacent to the hollow (3) spindle in the body, for moving the cutter (4) in directions in which the cutter moves close to and apart from the work piece. The feed mechanism includes transmission means (5a) having at least one of a chain, rope, and belt, and two wheels (28, 38) between which the transmission means is wound around.