

ABSTRACT

A flat key (1) for a locking cylinder (101) has substantially flat and approximately parallel key flat sides (2', 3'), a key rear section (4) and a key front section (5) opposite thereto. The key front section (5) has a serration which serves to position tumbler pins divided into core pins (112) and housing pins (111), which are spring-loaded in corresponding bores against the key front section (5) in the direction of the key rear section (4). Grooves (11', 12', 13', 14', 20'-25') in the form of profiled variation elements and profiled guiding elements are provided in the flat sides (2', 3') of the flat key (1), wherein at least two grooves (11', 12') of one flat side (3') of the flat key (1), which are preferably part of the guide profile, overlap and are undercut in opposite directions. According to the invention, a depression (15', 16') is provided in the outer flank (11a', 12a') of at least one of the two grooves (11', 12'), preferably both grooves (11', 12'), in which at least one region (15b, 16b) is not visible from the side. The two depressions (15', 16') are preferably symmetrical such that they can be produced using a T-slot milling cutter (60). Such flat keys (1) cannot be completely measured from the side even using a laser scanner and can still only be produced by milling.