

Title (en)
BLANK, SECURITY KEY, LOCK SYSTEM, AND PRODUCTION METHOD

Title (de)
ROHLING, SICHERHEITSSCHLÜSSEL, SCHLIESSSYSTEM UND HERSTELLVERFAHREN

Title (fr)
ÉBAUCHE, CLÉ DE SÉCURITÉ, SYSTÈME DE VERROUILLAGE ET PROCÉDÉ DE FABRICATION

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Application
EP 13755934 A 20130819

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Abstract (en)
[origin: WO2014032191A1] The invention relates to a blank (R) having two parallel lateral grooves RB-SN and a central connecting piece RB-M between said grooves. The lateral grooves run on a higher plane (N1) in an entry region (RB-E) and on a lower plane (N2) in a first coding region (RB-P). A key (S) is produced from the blank, comprising formations consisting of a central groove RB-MN in the entry region and coding recesses (Cod-V) in the coding region on the central connecting piece RB-M. The lateral grooves of the blank and the central groove of the key produce a new composite blank block-code groove = RB-SN + RB-MN. A special tumbler RB-ZH with lateral shoulders RB-ZH-S is paired with the key in the cylinder (Z), the shape of said shoulders matching the lateral grooves RB-SN and the central groove RB-MN such that, together with the special tumbler, an additional insertion block is formed in the entry region and an additional rotational block is formed in the coding region. Thus, the security of the lock system is substantially increased, and forgeries and unauthorized key copies are also prevented.

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