

Title (en)  
FLAT KEY COMPRISING SURFACE CODING AND A CYLINDER LOCK

Title (de)  
FLACHSCHLÜSSEL MIT FLÄCHENCODIERUNG UND ZYLINDERSCHLOSS

Title (fr)  
CLÉ PLATE COMPRENANT UN CODAGE DE SURFACE ET SERRURE À CYLINDRE

Publication  
**EP 4352330 A1 20240417 (DE)**

Application  
**EP 22729410 A 20220608**

Priority  
• AT 504672021 A 20210609  
• AT 2022060192 W 20220608

Abstract (en)  
[origin: WO2022256855A1] The invention relates to a flat key (1) for a cylinder lock (11), said flat key comprising: a key bow (2) and a key shaft (3) that extends substantially parallel to a key longitudinal axis (L) and has a key tip (4), wherein at least one surface coding (6) designed to be read in the cylinder lock (11) is located at the end face (5) of the key tip (4); and a cylinder lock (11) for receiving such a flat key (1), and a locking system comprising one or more such flat keys (1) in combination with one or more such cylinder locks (11).

IPC 8 full level  
**E05C 19/16** (2006.01); **E05B 9/10** (2006.01); **E05B 15/06** (2006.01); **E05B 19/00** (2006.01); **E05B 27/00** (2006.01); **E05B 47/00** (2006.01); **E05C 19/02** (2006.01)

CPC (source: AT EP IL)  
**E05B 9/10** (2013.01 - EP IL); **E05B 15/06** (2013.01 - EP IL); **E05B 19/00** (2013.01 - EP IL); **E05B 19/0017** (2013.01 - AT EP IL); **E05B 19/0023** (2013.01 - EP IL); **E05B 19/0064** (2013.01 - AT IL); **E05B 27/0042** (2013.01 - AT EP IL)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2022256855 A1 20221215**; AT 525622 A1 20230515; AU 2022289158 A1 20231102; EP 4352330 A1 20240417; IL 309075 A 20240201

DOCDB simple family (application)  
**AT 2022060192 W 20220608**; AT 504672021 A 20210609; AU 2022289158 A 20220608; EP 22729410 A 20220608; IL 30907523 A 20231204