

Title (en)
HANDLE LOCK ASSEMBLY HAVING AN INTERCHANGEABLE HANDLE

Title (de)
GRIFFSCHLOSSANORDNUNG MIT AUSTAUSCHBAREM GRIFF

Title (fr)
ENSEMBLE DE VERROUILLAGE DE POIGNÉE AYANT UNE POIGNÉE INTERCHANGEABLE

Publication
EP 4345230 A1 20240403 (EN)

Application
EP 22198513 A 20220928

Priority
EP 22198513 A 20220928

Abstract (en)
The invention relates to a handle lock assembly (10) for a door of a cabinet, the handle lock assembly (10) comprising: a main body (20) having a handle housing (28) extending along a longitudinal axis (X) of the handle lock assembly (10); a handle (30) adapted to move between an unlocked position in which the handle (30) is lifted from the handle housing (28) and a locked position in which the handle (30) is substantially within the handle housing (28); and a lock plug (33) provided at the handle (30). Said handle lock assembly (10) further comprises: at least one geared portion (32) formed on the handle (30), being rotatable within the main body (20) when the handle (30) is lifted; a movable member (24) having at least one toothed portion (242) for rotating a pinion gear (26) by the movement of the movable member (24); a plurality of the engagement holes (243) formed in the movable member (24) meshing with corresponding teeth (322) of the geared portion (32) so as to convert a rotational movement from the handle (30) to a linear movement; a movable bearing member (21) placed within the handle housing (28); at least one pin receiving portion (22) formed on the bearing member (21); and at least one pin (31) formed on the handle (30), attachable to the pin receiving portion (22) when placing an interchangeable handle (30).

IPC 8 full level
E05B 7/00 (2006.01); **E05B 13/10** (2006.01); **E05B 53/00** (2006.01); **E05B 63/00** (2006.01)

CPC (source: EP)
E05B 7/00 (2013.01); **E05B 13/10** (2013.01); **E05B 53/00** (2013.01); **E05B 63/0056** (2013.01)

Citation (applicant)
EP 4023840 A1 20220706 - MESAN KILIT ANONIM SIRKETI [TR]

Citation (search report)
• [AD] EP 4023840 A1 20220706 - MESAN KILIT ANONIM SIRKETI [TR]
• [A] DE 102009009196 B3 20100708 - NUERNBERGER CURT [DE], et al
• [A] US 2011254658 A1 20111020 - HUI KIN FAI [HK]
• [A] FR 3022938 A1 20160101 - ASSA ABLOY AUBE ANJOU [FR]
• [A] DE 102017112497 A1 20171207 - FATH GMBH [DE]

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)
EP 4345230 A1 20240403

DOCDB simple family (application)
EP 22198513 A 20220928