

Title (en)

ROTATING BODY, MEMBER TO BE INSERTED WITH SHAFT, RETAINING MEMBER, AND APPARATUS

Title (de)

ROTIERENDER KÖRPER, ELEMENT ZUR EINFÜHRUNG MIT EINER WELLE, HALTEELEMENT UND VORRICHTUNG

Title (fr)

CORPS ROTATIF, ÉLÉMENT À INSÉRER AVEC UN ARBRE, ÉLÉMENT DE RETENUE ET APPAREIL

Publication

EP 3908885 B1 20240327 (EN)

Application

EP 19835848 A 20191219

Priority

- JP 2019002269 A 20190110
- JP 2019003914 A 20190112
- JP 2019049888 W 20191219

Abstract (en)

[origin: JP2020112707A] To improve the workability of work for attaching/detaching a rotating body to/from a shaft.SOLUTION: A rotating body 2 is inserted with a shaft 3 and held at an end of the shaft 3, and comprises, at an end of the rotating body 2, a snap fit part 43 that is a holding part for holding the rotating body 2 on the shaft 3. The snap fit part 43 has a hooking part 44 that is removably hooked on a concave part 31 provided at the end of the shaft 3, and the snap fit part 43 is rotatable such that the hooking part 44 is elastically deformed and moves over a wall part 32 that is a projection on the outside of the concave part 31 in an axial direction.SELECTED DRAWING: Figure 3

IPC 8 full level

G03G 21/16 (2006.01); **G03G 15/00** (2006.01)

CPC (source: EP)

G03G 21/1647 (2013.01); **G03G 15/6529** (2013.01); **G03G 2221/1654** (2013.01)

Citation (examination)

EP 3264185 A1 20180103 - CANON KK [JP]

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

DOCDB simple family (publication)

CN 113302563 A 20210824; EP 3908885 A1 20211117; EP 3908885 B1 20240327; JP 2020112707 A 20200727; JP 7247591 B2 20230329

DOCDB simple family (application)

CN 201980087806 A 20191219; EP 19835848 A 20191219; JP 2019003914 A 20190112