

Title (en)
GRIPPING CLAMP

Title (de)
KLEMMSCHELLE

Title (fr)
PINCE DE PREHENSION

Publication
EP 3972767 A1 20220330 (FR)

Application
EP 20742309 A 20200518

Priority
• FR 1905288 A 20190520
• FR 2020050823 W 20200518

Abstract (en)
[origin: WO2020234536A1] A gripping clamp (200) comprises a casing (202) which defines, internally, the chamber (210) of a cylinder (216), this casing (202) comprising a lid (208) which closes access to the interior thereof, and gripping members (204), each subjected to a displacement with respect to the casing (202) under the effect of the cylinder (216). The casing (202) further comprises a metal sleeve (212) which forms the lateral wall (231) of the chamber (210) of the cylinder (216), and a body (206), at least partially made of composite material, which tightly surrounds the sleeve (212) so as to form a rigid assembly with the sleeve (212) and the lid (208).

IPC 8 full level
B23B 31/175 (2006.01); **B23B 31/42** (2006.01); **B33Y 80/00** (2015.01)

CPC (source: EP)
B23B 31/16216 (2013.01); **B23B 31/1622** (2013.01); **B23B 31/42** (2013.01); **B33Y 80/00** (2014.12); **B23B 2226/27** (2013.01)

Citation (search report)
See references of WO 2020234536A1

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

DOCDB simple family (publication)
WO 2020234536 A1 20201126; EP 3972767 A1 20220330; FR 3096285 A1 20201127; FR 3096285 B1 20210618

DOCDB simple family (application)
FR 2020050823 W 20200518; EP 20742309 A 20200518; FR 1905288 A 20190520