

Title (en)
TEMPORARY CLAMPING MECHANISM

Title (de)
TEMPORÄRER KLEMMMECHANISMUS

Title (fr)
MÉCANISME DE SERRAGE TEMPORAIRE

Publication
EP 4155494 A1 20230329 (EN)

Application
EP 21198259 A 20210922

Priority
EP 21198259 A 20210922

Abstract (en)
The invention discloses a temporary clamping mechanism comprising a hinge, a pin and a temporary stopper having an E-clip-type cavity. The temporary clamping mechanism is configured to allow opening and fixing the door in a predetermined open position at a predetermined angle θ and releasing the door from the predetermined open position in a predetermined number of cycles of fixing and releasing the door. Fixing the door in the predetermined open position is performed by engaging the pin into the E-clip-type cavity using a predetermined opening torque. Releasing the door from the predetermined open position is performed by disengaging the pin from the E-clip-type cavity using a predetermined closing torque.

IPC 8 full level
E05D 11/10 (2006.01)

CPC (source: EP)
E05D 11/1014 (2013.01); **E05Y 2600/53** (2013.01); **E05Y 2600/56** (2013.01); **E05Y 2800/692** (2013.01); **E05Y 2800/694** (2013.01); **E05Y 2900/531** (2013.01)

Citation (applicant)

- CN 204492417 U 20150722 - DONGFENG PEUGEOT CITROEN AUTOMOBILE CO LTD
- CN 104343304 A 20150211 - COUTIER MOULAGE GEN IND

Citation (search report)

- [IY] WO 2017182496 A1 20171026 - DEFTA SERVICE [FR]
- [IY] FR 2916471 A1 20081128 - COUTIER MOULAGE GEN IND [FR]
- [YDA] CN 204492417 U 20150722 - DONGFENG PEUGEOT CITROEN AUTOMOBILE CO LTD

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 4155494 A1 20230329

DOCDB simple family (application)
EP 21198259 A 20210922