

Title (en)
REBAR COUPLER WITH BIAS PUSHER

Title (de)
BETONRIPPENSTAHLKUPPLUNG MIT VORSPANNUNGSSCHIEBER

Title (fr)
COUPLEUR DE BARRE D'ARMATURE AVEC POUSSOIR A PRESSION

Publication
EP 4180588 A1 20230517 (EN)

Application
EP 21207742 A 20211111

Priority
EP 21207742 A 20211111

Abstract (en)
Rebar coupler arrangement comprising a rebar coupler, which comprises a first socket for receiving a first rebar and a second socket for receiving a second rebar, wherein the first socket comprises a first sleeve and a first locking element that is arranged within the first sleeve, wherein the first sleeve has first wedge surface for wedging the first locking element against the first rebar, wherein the second socket comprises a second sleeve and a second locking element that is arranged within the second sleeve, wherein the second sleeve has second wedge surface for wedging the second locking element against the second rebar. The rebar coupler arrangement further comprises a pusher for pushing the first rebar arranged within the first sleeve and the second rebar arranged within the second sleeve away from one another.

IPC 8 full level
E04C 5/16 (2006.01)

CPC (source: EP)
E04C 5/165 (2013.01)

Citation (applicant)

- KR 102202667 B1 20210113 - NC CO LTD [KR]
- EP 3783235 A1 20210224 - HILTI AG [LI]
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Citation (search report)

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- [XA] CN 109469262 A 20190315 - SHEN JINZHONG
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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

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