

Title (en)  
CHIMERIC POLYPEPTIDES

Title (de)  
CHIMÄRE POLYPEPTIDE

Title (fr)  
POLYPEPTIDES CHIMÈRES

Publication  
**EP 4093751 A1 20221130 (EN)**

Application  
**EP 21706431 A 20210122**

Priority  

- US 202062964643 P 20200122
- US 202063016056 P 20200427
- US 2021014767 W 20210122

Abstract (en)  
[origin: WO2021151001A1] The preset disclosure provides chimeric polypeptide comprising a cage polypeptide comprising a degron, wherein the degron is sequestered or caged to the C-terminus of the latch region. Upon activation by a key polypeptide, the degron becomes active. The degron can be ubiquitinated and be marked for degradation, together with any biologically active molecule attached to the chimeric polypeptide. The chimeric polymeric of the present disclosure can be incorporated, for example, to chimeric antigen receptors (CAR). Accordingly, in response to the administration of a key polypeptide or endogenous expression of a key polypeptide mediated, for example, by an inducible promoter, the amount of CAR expressed on the surface of an immune cell can be modulated.

IPC 8 full level  
**C07K 14/435** (2006.01)

CPC (source: EP)  
**C07K 14/435** (2013.01)

Citation (search report)  
See references of WO 2021151001A1

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)  
**WO 2021151001 A1 20210729**; EP 4093751 A1 20221130

DOCDB simple family (application)  
**US 2021014767 W 20210122**; EP 21706431 A 20210122