

Title (en)

FUSION PROTEIN AND PURIFYING METHOD

Title (de)

FUSIONSPROTEIN UND AUFREINIGUNGSVERFAHREN

Title (fr)

PROTÉINE DE FUSION ET PROCÉDÉ DE PURIFICATION

Publication

EP 3201328 A1 20170809 (DE)

Application

EP 15771867 A 20150907

Priority

- DE 102014217793 A 20140905
- EP 2015070393 W 20150907

Abstract (en)

[origin: WO2016034741A1] The invention relates to, inter alia, a fusion protein comprising a protein of interest and an affinity tag which binds lysozyme. Lysozyme can be used to purify, precipitate, or support the crystallization of such a fusion protein. The invention further relates to a binding agent which specifically binds a target compound. The binding agent has a CDR3 region which is derived from a single-domain antibody but which does not have framework regions or other elements for stabilizing the CDR3 region, and the binding agent binds the target compound via the CDR3 region.

IPC 8 full level

C12N 9/24 (2006.01); **C07K 1/22** (2006.01)

CPC (source: EP US)

C07K 1/22 (2013.01 - EP US); **C07K 14/00** (2013.01 - EP US); **C07K 14/43595** (2013.01 - US); **C07K 16/00** (2013.01 - EP US); **C12N 9/2462** (2013.01 - EP US); **C12Y 302/01017** (2013.01 - EP US); **C07K 2317/565** (2013.01 - EP US); **C07K 2319/20** (2013.01 - US); **C07K 2319/21** (2013.01 - EP US); **C07K 2319/60** (2013.01 - EP US)

Citation (search report)

See references of WO 2016034741A1

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)

DE 102014217793 A1 20160310; EP 3201328 A1 20170809; US 2017260255 A1 20170914; WO 2016034741 A1 20160310

DOCDB simple family (application)

DE 102014217793 A 20140905; EP 15771867 A 20150907; EP 2015070393 W 20150907; US 201515509105 A 20150907