

Title (en)
CHROMATOGRAPHIC PURIFICATION OF AT LEAST ONE ENZYME SELECTED FROM THE GROUP CONSISTING OF COLLAGENASE TYPE I, COLLAGENASE TYPE II, NEUTRAL PROTEASE, AND CLOSTRIPAIN

Title (de)
CHROMATOGRAPHISCHE AUFREINIGUNG VON WENIGSTENS EINEM ENZYM, AUSGESUCHT AUS DER GRUPPE BESTEHEND AUS KOLLAGENASE TYP I, KOLLAGENASE TYP II, NEUTRALE PROTEASE UND CLOSTRIPAIN

Title (fr)
PURIFICATION CHROMATOGRAPHIQUE D'AU MOINS UNE ENZYME CHOISIE DANS LE GROUPE CONSTITUÉ DE LA COLLAGÉNASE DE TYPE I, LA COLLAGÉNASE DE TYPE II, LA PROTÉASE NEUTRE ET LA CLOSTRIPAÏNE

Publication
EP 3924363 A1 20211222 (DE)

Application
EP 19706469 A 20190214

Priority
EP 2019053716 W 20190214

Abstract (en)
[origin: WO2020164721A1] The present invention relates to a method for purifying at least one enzyme selected from the group consisting of collagenase type I, collagenase type II, neutral protease and clostripain from a mixture of substances, said method comprising, as a method step, at least one hydrophobic interaction chromatography process, characterised in that the stationary phase in the hydrophobic interaction chromatography process comprises a material selected from the group consisting of polypropylene glycol and butyl-sepharose. The present invention also relates to the use of an enzyme purified in such a manner for pharmaceutical, cosmetic, and/or biochemical purposes.

IPC 8 full level
C07K 1/16 (2006.01); **C07K 1/20** (2006.01); **C07K 14/33** (2006.01); **C12N 9/52** (2006.01); **C12N 9/64** (2006.01)

CPC (source: EP US)
C07K 1/20 (2013.01 - EP US); **C12N 9/52** (2013.01 - EP US); **C12Y 304/22008** (2013.01 - EP); **C12Y 304/24003** (2013.01 - EP); **C12Y 304/22008** (2013.01 - US); **C12Y 304/24003** (2013.01 - US)

Citation (search report)
See references of WO 2020164721A1

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 2020164721 A1 20200820; **WO 2020164721 A8 20211104**; CA 3127877 A1 20200820; CN 113474355 A 20211001; EP 3924363 A1 20211222; JP 2022529565 A 20220623; US 2022135617 A1 20220505

DOCDB simple family (application)
EP 2019053716 W 20190214; CA 3127877 A 20190214; CN 201980091949 A 20190214; EP 19706469 A 20190214; JP 2021545843 A 20190214; US 201917430071 A 20190214