

Publication

EP 0681696 A4 19951122 (EN)

Application

EP 94907307 A 19940124

Priority

- US 903493 A 19930126
- US 9400850 W 19940124

Abstract (en)

[origin: WO9417403A1] Described is a method for determining the potency of bovine somatotropin. The level of biologically active bovine somatotropin protein in the bovine somatotropin sample is measured by size exclusion HPLC employing as the stationary phase a hydrophilic porous polymer gel having an average particle diameter of about 5 μm to about 15 μm and as a mobile phase a buffered aqueous solution having a pH of about 8 to about 12 and which is non-denaturing to the bovine somatotropin sample. The potency of the bovine somatotropin sample is determined based upon the level of biologically active bovine somatotropin protein so measured. The method provides an expedient, precise and accurate measure of the potency of a bST sample.

IPC 1-7

G01N 30/02

IPC 8 full level

G01N 33/483 (2006.01); **B01J 20/285** (2006.01); **C07K 14/61** (2006.01); **G01N 30/32** (2006.01); **G01N 30/88** (2006.01); **G01N 33/74** (2006.01); **G01N 30/02** (2006.01); **G01N 30/34** (2006.01); **G01N 30/52** (2006.01)

CPC (source: EP KR US)

B01J 20/262 (2013.01 - EP); **B01J 20/267** (2013.01 - EP); **B01J 20/28004** (2013.01 - EP); **B01J 20/281** (2013.01 - KR); **B01J 20/285** (2013.01 - EP US); **B01J 20/291** (2013.01 - EP); **C07K 14/61** (2013.01 - EP KR US); **G01N 30/34** (2013.01 - KR); **G01N 30/02** (2013.01 - EP); **G01N 30/34** (2013.01 - EP); **G01N 2030/524** (2013.01 - EP KR); **G01N 2030/8831** (2013.01 - EP KR)

C-Set (source: EP)

G01N 30/02 + B01D 15/34

Citation (search report)

- [A] US 4511502 A 19850416 - BUILDER STUART E [US], et al
- [A] US 5047511 A 19910910 - MEHROTRA VIKRAM P [US]
- [A] US 5064943 A 19911112 - MCCOY KEVIN M [US], et al
- [A] US 4997916 A 19910305 - AVIV HAIM [IL], et al
- [A] US 4975529 A 19901204 - FRAZIER RONALD B [US], et al
- [A] EP 0319049 A2 19890607 - BIO TECHNOLOGY GENERAL CORP [US]
- See references of WO 9417403A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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