Title (en)
METHOD FOR IDENTIFYING THE GENOTYPE IN POSITION 171 OF THE OVINE PRION PROTEIN AS WELL AS KITS FOR IMPLEMENTING SAID METHOD

Title (de)
VERFAHREN ZUR IDENTIFIKATION DES GENOTYPS IN POSITION 171 DES OVINEN PRIONENPROTEINS SOWIE KITS ZUR ANWENDUNG DIESES VERFAHRENS

Title (fr)
PROCÉDÉ D'IDENTIFICATION DU GÉNOTYPE EN POSITION 171 DE LA PROTÉINE PRION D'OVIN AINSI QUE TROUSSES DE MISE EN OEUVRE DE CE PROCÉDÉ

Publication
EP 1952153 A2 20080806 (FR)

Application
EP 06842041 A 20061124

Priority
• FR 2006051230 W 20061124
• FR 0511937 A 20051125

Abstract (en)
[origin: FR2893952A1] Identifying the genotype in position 171 of the ovine prion protein (PrP) comprises: treating a PrP-containing ovine fluid sample with a denaturing and reducing solution (I); immobilizing the denatured-reduced PrP on a solid phase, optionally by ligand intermediary; contacting the denatured-reduced-immobilized PrP with a detecting antibody; and detecting the possible presence of the detecting antibody, where one of the ligand or the detecting antibody specifically binds to the PrP having a particular allelic form in position 171. Independent claims are included for: (1) a screening process of an ovine population comprising applying the process according to the ovine resistivity and sensitivity against transmissible spongiform subacute encephalopathies (TSSE); and (2) an identification kit of the genotype in position 171 of the ovine PrP comprising a solid phase having a capture antibody, a denaturing and reducing solution and a detecting antibody.

IPC 8 full level
G01N 33/543 (2006.01); G01N 33/68 (2006.01)

CPC (source: EP)
G01N 33/6896 (2013.01)

Citation (search report)
See references of WO 2007060373A2

Citation (examination)
HORNBECK, P., WINSTON, S.E., FULLER, S.A.: "Enzyme-Linked Immunosorbent Assays (ELISA)", May 2001 (2001-05-01), Retrieved from the Internet <URL:http://mrw.interscience.wiley.com/emrw/9780471142720/cp/cpmb/article/mb1102/current/html> [retrieved on 20090929]

Designated contracting state (EPC)
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DOCDB simple family (publication)
FR 2893952 A1 20070601; FR 2893952 B1 20080222; AU 2006318919 A1 20070531; CN 101336374 A 20081231; EP 1952153 A2 20080806; WO 2007060373 A2 20070531; WO 2007060373 A3 20070712

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FR 0511937 A 20051125; AU 2006318919 A 20061124; CN 200680051798 A 20061124; EP 06842041 A 20061124; FR 2006051230 W 20061124