

Title (en)

METHOD FOR SCREENING FOR PROTEASES AND THEIR SUBSTRATES

Title (de)

VERFAHREN ZUM SCREENING AUF PROTEASEN UND DEREN SUBSTRATE

Title (fr)

PROCÉDÉS DE RECHERCHE SYSTÉMATIQUE DE PROTÉASES ET DE LEURS SUBSTRATS

Publication

**EP 1945796 A2 20080723 (EN)**

Application

**EP 06776814 A 20060811**

Priority

- EP 2006008000 W 20060811
- EP 05017523 A 20050811
- EP 06776814 A 20060811

Abstract (en)

[origin: WO2007017293A2] The invention relates to methods for screening for proteases and substrates susceptible to cleavage by proteases. The methods of the invention allow for the screening of proteases in an environment where the proteases are normally present, in particular within a living organism. By inhibiting the activity of at least one protease, preferably at least one first-line protease for a given substrate, which usually produces the majority of proteolytic fragments derived from said substrate and thus, would normally (without inhibiting said activity) mask the activity of a second-line protease, it is possible to identify proteases that perform second-line proteolysis and their recognition sequences.

IPC 8 full level

**C12Q 1/37** (2006.01)

CPC (source: EP)

**C12Q 1/37** (2013.01)

Citation (search report)

See references of WO 2007017293A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2007017293 A2 20070215; WO 2007017293 A3 20070426**; EP 1795606 A1 20070613; EP 1945796 A2 20080723

DOCDB simple family (application)

**EP 2006008000 W 20060811**; EP 05017523 A 20050811; EP 06776814 A 20060811