

Title (en)  
PECTIN CONJUGATES

Title (de)  
PEKTINKONJUGATE

Title (fr)  
CONJUGUES DE PECTINE

Publication  
**EP 1890556 A1 20080227 (EN)**

Application  
**EP 06757795 A 20060612**

Priority  
• NL 2006000288 W 20060612  
• EP 05076366 A 20050610  
• EP 06757795 A 20060612

Abstract (en)  
[origin: EP1731043A1] The invention relates to conjugates of phenolic polymers, methods for preparing the same and use of conjugates of phenolic polymers in among others foodstuffs. Provided is a surface active composition comprising a phenolic polymer, preferably pectin, cross-linked to a oligopeptide. The oligopeptide can be derived from a hydrolysate of casein consisting of peptides with an average chain length of about 3 to about 30 amino acids, preferably of about 5 to about 20 amino acids, more preferably of about 7 to about 15 amino acids, most preferably of about 10 amino acids. Also provided is a method of batch-wise cross-linking a oligopeptide and a phenolic polymer by mixing said peptide and said polymer with an enzyme and oxidizing agent suitable for said enzyme in a solvent, wherein said peptide has a chain length of about 3 to about 30 amino acids, preferably of about 5 to about 20 amino acids, more preferably of about 7 to about 15 amino acids, most preferably of about 10 amino acids.

IPC 8 full level  
**A23L 29/10** (2016.01); **A23L 29/00** (2016.01); **A23L 29/231** (2016.01); **A23L 29/281** (2016.01)

CPC (source: EP)  
**A23J 3/10** (2013.01); **A23L 27/60** (2016.07); **A23L 29/10** (2016.07); **A23L 29/231** (2016.07); **A23P 30/40** (2016.07); **C12C 5/02** (2013.01); **A23C 2210/30** (2013.01); **A23V 2002/00** (2013.01)

Citation (search report)  
See references of WO 2006132529A1

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)  
**EP 1731043 A1 20061213**; EP 1890556 A1 20080227; WO 2006132529 A1 20061214

DOCDB simple family (application)  
**EP 05076366 A 20050610**; EP 06757795 A 20060612; NL 2006000288 W 20060612