

Title (en)
METHOD AND EQUIPMENT FOR PRODUCING OXIDATION-SENSITIVE LIQUIDS IMPLEMENTING THE INJECTION OF HYDROGEN IMMEDIATELY PRIOR TO PASTEURIZATION

Title (de)
VERFAHREN UND AUSRÜSTUNG ZUR HERSTELLUNG VON OXIDATIONSEMPFINDLICHEN FLÜSSIGKEITEN MITTELS INJEKTION VON WASSERSTOFF UNMITELBAR VOR DER PASTEURISIERUNG

Title (fr)
PROCEDE ET INSTALLATION DE PRODUCTION DE LIQUIDES SENSIBLES A L'OXYDATION METTANT EN UVRE UNE INJECTION D'HYDROGENE JUSTE AVANT PASTEURISATION

Publication
EP 2587943 A1 20130508 (FR)

Application
EP 11727193 A 20110624

Priority
• FR 1055275 A 20100701
• EP 2011060636 W 20110624

Abstract (en)
[origin: WO2012000903A1] The invention relates to a method for producing a liquid or semi-liquid product that is sensitive to oxidation, for example beverages, wherein the production method includes a step of deoxygenating an intermediate medium involved in the production of either the liquid or the semi-liquid, and a heating step, for example pasteurization, after the deoxygenation step, characterized in that the method involves injecting a hydrogenated gaseous mixture into the liquid or semi-liquid between the deoxygenation step and the heating step.

IPC 8 full level
A23L 2/42 (2006.01); **A23L 2/52** (2006.01); **A23L 2/76** (2006.01); **A23L 3/34** (2006.01); **A23L 3/3409** (2006.01); **B01D 19/00** (2006.01)

CPC (source: EP US)
A23L 2/42 (2013.01 - EP US); **A23L 2/52** (2013.01 - EP US); **A23L 2/76** (2013.01 - EP US); **A23L 3/16** (2013.01 - EP US); **A23L 3/34** (2013.01 - EP US); **A23L 3/3409** (2013.01 - EP US); **A23L 3/3418** (2013.01 - EP US); **A23L 3/3445** (2013.01 - EP US); **B01D 19/00** (2013.01 - EP US); **B01D 19/001** (2013.01 - EP US); **A23V 2002/00** (2013.01 - EP US)

Citation (search report)
See references of WO 2012000903A1

Citation (examination)
US 2076459 A 19370406 - JAMES HANSON

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

DOCDB simple family (publication)
WO 2012000903 A1 20120105; AU 2011273610 A1 20130117; AU 2011273610 B2 20140626; BR 112012033707 A2 20150915; CN 102958390 A 20130306; EP 2587943 A1 20130508; FR 2962010 A1 20120106; FR 2962010 B1 20140307; US 2013108751 A1 20130502

DOCDB simple family (application)
EP 2011060636 W 20110624; AU 2011273610 A 20110624; BR 112012033707 A 20110624; CN 201180031408 A 20110624; EP 11727193 A 20110624; FR 1055275 A 20100701; US 201113806672 A 20110624