

Title (en)

ARCTIC BRAMBLE (RUBUS ARCTICUS) CELL CULTURES, METHOD FOR PRODUCING ARCTIC BRAMBLE CELL CULTURES, COMPOSITIONS COMPRISING ARCTIC BRAMBLE CELL CULTURES AND USE OF ARCTIC BRAMBLE CELL CULTURES

Title (de)

ZELLKULTUREN DER ALLACKERBEERE (ARCTICUS RUBUS), VERFAHREN ZUR HERSTELLUNG VON ALLACKERBEERENZELLKULTUREN, ZUSAMMENSETZUNGEN MIT ALLACKERBEERENZELLKULTUREN UND VERWENDUNG VON ALLACKERBEERENZELLKULTUREN

Title (fr)

CULTURE DE CELLULES DE RONCE ARCTIQUE (RUBUS ARCTICUS), PROCÉDÉ DE PRODUCTION DE CULTURES DE CELLULES DE RONCE ARCTIQUE, COMPOSITIONS COMPRENANT LES CULTURES DE CELLULES DE RONCE ARCTIQUE ET UTILISATION DES CULTURES DE CELLULES DE RONCE ARCTIQUE

Publication

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Application

EP 17873936 A 20171122

Priority

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Abstract (en)

[origin: WO2018096212A1] The present invention relates to a method for producing arctic bramble cell culture, said method comprising two stages, where in the first stage arctic bramble callus line is cultured in a liquid medium comprising a medium used for plant cell and tissue culture, under day-night irradiation regime under normal light or under irradiation using LED light carried out as day-night irradiation or as constant irradiation, to obtain primary arctic bramble suspension cell culture, and in the second stage the primary arctic bramble suspension cell culture is up-scaled in at least two steps in the liquid medium; and irradiation with LED light is used in the first stage or in the second stage or in both stages.

IPC 8 full level

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Citation (search report)

- [XAI] OLLI ÅMAN: "THE EFFECT OF DIFFERENT LIGHT SPECTRA ON BERRY CALLUS PIGMENT ACCUMULATION, LIPID COMPOSITION AND SECONDARY METABOLISM", 1 August 2014 (2014-08-01), XP055497370, Retrieved from the Internet <URL:https://helda.helsinki.fi/bitstream/handle/10138/144491/pro_gradu_Aman_Olli_2014.pdf?sequence=1&isAllowed=y> [retrieved on 20180803]
- [A] NOHYNEK L ET AL: "Cloudberry (Rubus chamaemorus) cell culture with bioactive substances: Establishment and mass propagation for industrial use", ENGINEERING IN LIFE SCIENCES, WILEY, WEINHEIM, DE, vol. 14, no. 6, 1 November 2014 (2014-11-01), pages 667 - 675, XP002749515, ISSN: 1618-0240, [retrieved on 20140814], DOI: 10.1002/ELSC.201400069
- See references of WO 2018096212A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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