

Title (en)

BACTERIAL NANOCELLULOSE MATERIAL AND USES THEREOF

Title (de)

BAKTERIELLES NANOZELLULOSE MATERIAL UND VERWENDUNGEN DAVON

Title (fr)

SUBSTANCE NANOCELLULOSIQUE BACTÉRIENNE ET UTILISATIONS ASSOCIÉES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2021063464A2] The present invention relates to a process for producing bacterial nanocellulose (BNC), the process comprising a) culturing in a liquid culturing medium *Komagataeibacter rhaeticus*, *Gluconobacter oxydans*, and at least one of *Hanseniaspora uvarum*, *Brettanomyces bruxellensis*, *Zygosaccharomyces bailii* and *Kloeckera lindneri*; and b) removing a hydrogel comprising BNC from the liquid medium, thereby providing bacterial nanocellulose (BNC). The invention also relates to obtained hydrogels, dried films, layers design and uses thereof.

IPC 8 full level

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Citation (search report)

See references of WO 2021063464A2

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