

Title (en)
PROCESS FOR PRODUCING A HYDROCARBON MIXTURE

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER KOHLENWASSERSTOFFMISCHUNG

Title (fr)
PROCESSUS DE PRODUCTION D'UN MÉLANGE D'HYDROCARBURE

Publication
EP 3260522 A1 20171227 (EN)

Application
EP 16175757 A 20160622

Priority
EP 16175757 A 20160622

Abstract (en)
A process (1) for producing a hydrocarbon mixture (20) defined by at least two components (21) and at least one additional hydrocarbon component (23) comprising a homogenisation step (2) of said at least two components (21) defining said hydrocarbon mixture (20), at least one of the components (21) being a hydrocarbon component (22), and comprising an evaluation step (3) of the internal composition of the hydrocarbon mixture (20), performed before the homogenisation step (2), a fragmentation step (4) of the molecules of at least one hydrocarbon component (22), performed between the evaluation step (3) and the homogenisation step (2), and a stabilisation step (5) of the hydrocarbon mixture (20), the stabilisation step (5) comprising, in the following order, a breaking step (5a) of the components (21) and of the additional hydrocarbon component (23) of the hydrocarbon mixture (20), an ionisation step (5b) of the components (21) and of the additional hydrocarbon component (23) and a dispersion step (5c) of the hydrocarbon components (22) and of the additional hydrocarbon component (23) of the hydrocarbon mixture (20).

IPC 8 full level
C10L 1/32 (2006.01); **B01F 3/08** (2006.01)

CPC (source: EP)
B01F 23/4111 (2022.01); **B01F 31/85** (2022.01); **C10L 1/32** (2013.01); **C10L 1/324** (2013.01); **C10L 1/328** (2013.01)

Citation (applicant)
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Citation (search report)
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• [X1] OREN M J ET AL: "Peat-water-oil mixture as a low cost liquid fuel", FUEL, IPC SCIENCE AND TECHNOLOGY PRESS, GUILDFORD, GB, vol. 69, no. 10, 1 October 1990 (1990-10-01), pages 1326 - 1327, XP025456961, ISSN: 0016-2361, [retrieved on 19901001], DOI: 10.1016/0016-2361(90)90297-4

Cited by
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Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

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