

Title (en)

PROCESS AND PLANT FOR THE DISPOSAL OF OLIVE POMACE

Title (de)

VERFAHREN UND ANLAGE ZUR ENTSORUNG VON OLIVENTRESTER

Title (fr)

PROCÉDÉ ET INSTALLATION POUR L'ÉLIMINATION DES GRIGNONS D'OLIVE

Publication

EP 4283192 A1 20231129 (EN)

Application

EP 23175741 A 20230526

Priority

IT 202200011075 A 20220526

Abstract (en)

A process is disclosed therein for the disposal of olive pomace. Said process provides a first processing step, during which the pomace undergoes pyrolysis and a second step, during which the product obtained from the previous step undergoes a treatment with steam at a temperature above 500 °C. Preferably, the disposing material undergoes a preliminary heating step. First step normally occurs at a temperature of 500 °C, while the second step occurs at a temperature ranging between 700 and 1,000 °C. The present invention also relates to a plant for accomplishing the disposal of olive pomace, comprising a pyrolysis reactor (4) and a steam treatment reactor (26), said reactors (4; 26) being coaxial pipe reactors.

IPC 8 full level

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CPC (source: EP)

F23G 5/027 (2013.01); **F23G 5/12** (2013.01); **F23G 7/10** (2013.01); **F23G 2206/10** (2013.01); **F23G 2209/262** (2013.01); **F23G 2900/7013** (2013.01)

Citation (applicant)

- CN 214370214 U 20211008 - TIANJIN LYUZHAN ENVIRONMENTAL PROTECTION TECH CO LTD
- EP 2236588 A1 20101006 - GEN ELECTRIC [US]

Citation (search report)

- [Y] CN 214370214 U 20211008 - TIANJIN LYUZHAN ENVIRONMENTAL PROTECTION TECH CO LTD
- [Y] EP 2236588 A1 20101006 - GEN ELECTRIC [US]
- [A] WO 2014012556 A1 20140123 - PYRONEER AS [DK]
- [A] US 2020200383 A1 20200625 - BORYS SERGE [CA], et al

Designated contracting state (EPC)

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