

Title (en)

A PRODUCTION OPTIMISATION METHOD FOR THE ETHYLENE FURNACES

Title (de)

PRODUKTIONSOPTIMIERUNGSVERFAHREN FÜR ETHYLENÖFEN

Title (fr)

PROCÉDÉ D'OPTIMISATION DE PRODUCTION DES FOURS DE CRAQUAGE D'ÉTHYLÈNE

Publication

**EP 3914670 A2 20211201 (EN)**

Application

**EP 20762235 A 20200227**

Priority

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- TR 2020050154 W 20200227

Abstract (en)

[origin: WO2020176060A2] The invention is related to the production optimisation method for ethylene furnaces which provides an optimisation by means of evaluating simultaneously the financial values of the production in cracking furnaces in the ethylene factory and operating conditions, operation parameters, maintenance planning, LIMS (laboratory results) and financial information. The invention is particularly related to a production optimisation method for ethylene furnaces which can determine which of the raw materials are required to be used in the furnace; the most optimum operating conditions for the profit maximising; the furnace to which the recycle ethane gas generated during the process will be sent for reprocessing.

IPC 8 full level

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