

Title (en)

Method and apparatus for adjusting the Wobbe-index of a gas mixture

Title (de)

Verfahren und Vorrichtung zur Einstellung des Wobbe-Indexes einer Gasmischung

Title (fr)

Procédé et dispositif pour régler l'indice de Wobbe d'un mélange gazeux

Publication

EP 2712910 A1 20140402 (EN)

Application

EP 13185369 A 20130920

Priority

- NL 1039831 A 20121001
- NL 2009939 A 20121206

Abstract (en)

Method for converting a first gas mixture comprising hydrocarbons to a product gas mixture with a lower Wobbe index than the first gas mixture, comprising the steps of (i) providing the first gas mixture, (ii) providing a second gas mixture comprising hydrocarbons, (iii) providing a third gas mixture comprising oxygen, (iv) carrying the second and the third gas mixture into a chemical reactor configured to produce a fourth gas mixture comprising carbon dioxide gas, and (v) carrying the fourth gas mixture into the first gas mixture, thus obtaining the product gas mixture, and apparatus for converting a gas mixture comprising hydrocarbons in accordance with this method.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XAI] DE 2112447 A1 19720921 - BORSIG GMBH
- [XII] EP 0100073 A1 19840208 - RUHRGAS AG [DE]
- [A] EP 1862212 A1 20071205 - DOCZYCK WOLFGANG DIPL-ING [DE]

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