

Title (en)

DEVICE FOR SYNTHESIS OF GAS MIXTURES AND USE THEREOF FOR TESTING CATALYTIC COMPOSITIONS

Title (de)

VORRICHTUNG ZUR SYNTHESE VON GASMISCHUNGEN UND VERWENDUNG DIESER VORRICHTUNG ZUM TESTEN KATALYTISCHER ZUSAMMENSETZUNGEN

Title (fr)

DISPOSITIF DE SYNTHESE DE MELANGES DE GAZ ET UTILISATION DE CE DISPOSITIF POUR TESTER DES COMPOSITIONS CATALYTIQUES

Publication

EP 1581331 A1 20051005 (FR)

Application

EP 02799763 A 20021129

Priority

FR 0204113 W 20021129

Abstract (en)

[origin: WO2004050225A1] The invention concerns a device for synthesis of gas mixtures by mixing a main gas stream with a secondary gas stream. Said device comprises gas supply lines equipped with flow regulators and a mixing chamber wherein emerge the gas feed lines. The mixing chamber includes: a pipe connected to the feed line of the main gas stream so as to form a flow in the pipe and to the feed line of the secondary gas stream such that the secondary gas stream is introduced into the flow of the main gas stream, a static mixer arranged in the extension of the pipe. Said device can be used for testing catalytic compositions.

IPC 1-7

B01F 5/06; **B01F 5/00**; **B01F 5/04**; **B01F 15/00**

IPC 8 full level

B01F 23/10 (2022.01)

CPC (source: EP)

B01F 23/10 (2022.01); **B01F 25/10** (2022.01); **B01F 25/313** (2022.01); **B01F 25/433** (2022.01); **B01F 25/4338** (2022.01); **B01F 35/2211** (2022.01); **B01F 2215/0431** (2013.01)

Citation (search report)

See references of WO 2004050225A1

Designated contracting state (EPC)

AT DE ES FR IT SE

DOCDB simple family (publication)

WO 2004050225 A1 20040617; AT E355121 T1 20060315; AU 2002364410 A1 20040623; DE 60218548 D1 20070412; DE 60218548 T2 20071108; EP 1581331 A1 20051005; EP 1581331 B1 20070228

DOCDB simple family (application)

FR 0204113 W 20021129; AT 02799763 T 20021129; AU 2002364410 A 20021129; DE 60218548 T 20021129; EP 02799763 A 20021129