

Title (en)

A gas analysis apparatus and method for testing gas emissions from a manufactured product

Title (de)

GASANALYSEVORRICHTUNG UND VERFAHREN ZUM TESTEN VON GASEMISSIONEN AUS EINEM HERGESTELLTEN PRODUKT

Title (fr)

APPAREIL D'ANALYSE DE GAZ ET PROCÉDÉ D'ESSAI D'ÉMISSIONS GAZEUSES D'UN PRODUIT FABRIQUÉ

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Application

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Abstract (en)

[origin: WO2014171841A1] A gas analysis apparatus for testing gas emissions from a manufactured product, comprises or is arranged to be connected to, a chamber arranged to contain and/or receive gas emitted from a sample of the manufactured product to be tested, an electro-chemical cell, and a transmission conduit arranged to transmit a sample of gas emitted from the product from the chamber to the electro-chemical cell. The electro-chemical cell is arranged to generate a signal indicative of the concentration of a particular gas in the gas sample. The apparatus further comprises, or is arranged to be in communication with, an electronic controller which processes the signal and generates an output indicative of the amount of gas emitted from the product over a predetermined time. The apparatus may be used for testing formaldehyde emissions from wooden, wood based or fibre based products.

IPC 8 full level

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