Title (en)

Completely combustible paper

Title (de)

Vollständig verbrennbares Papier

Title (fr)

Papier entièrement combustible

Publication

EP 1087058 A2 20010328 (EN)

Application

EP 00308258 A 20000921

Priority

JP 26946899 A 19990922

Abstract (en)

A paper having an iron compound catalyst in an amount of 0.1 to 20% by weight, said iron compound catalyst comprising iron oxide hydroxide particles or iron oxide particles having an average particle size of 0.01 to 2.0 mu m; and having a catalytic activity capable of converting not less than 15% by weight of carbon monoxide into carbon dioxide, when 2.8 X 10<-4> mole of iron oxide particles obtained by heat-treating said iron compound catalyst at a temperature of 800 DEG C for 15 minutes in air, are instantaneously contacted with 6.1 X 10<-7> mole of carbon monoxide at a temperature of 250 DEG C at a space velocity of 42,400 h<-1> in an inert gas atmosphere using a pulse catalytic reactor. The paper of the present invention not only maintains inherent functions as papers, but also can be completely burned and inhibited from generating harmful substances upon incineration thereof after use.

IPC 1-7

D21H 27/16

IPC 8 full level

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