

Title (en)

HYDROGEN GENERATION CATALYSYS AND SYSTEM FOR HYDROGEN GENERATION

Title (de)

WASSERSTOFFERZEUGUNGSKATALYSATOREN UND SYSTEM ZUR WASSERSTOFFERZEUGUNG

Title (fr)

CATALYSEURS DE GENERATION D'HYDROGENE ET SYSTEME POUR LA GENERATION D'HYDROGENE

Publication

EP 1899264 A2 20080319 (EN)

Application

EP 06773824 A 20060621

Priority

- US 2006024417 W 20060621
- US 16760705 A 20050628
- US 16760805 A 20050628

Abstract (en)

[origin: WO2007002357A2] Supported catalysts are provided to promote hydrogen generation from the hydrolysis of boron hydrides. The supported catalyst is a supported metallic mixture comprising a first transition metal selected from the group consisting of cobalt, ruthenium, zinc, molybdenum, manganese, titanium, tin, cadmium, and indium, in an amount of from about 0.1 to about 20% by weight, and a second metal selected from the group consisting of cobalt, ruthenium, zinc, molybdenum, manganese, titanium, tin, cadmium, boron, and iridium, in an amount of from about 0.05 to about 25% by weight of the supported catalyst.

IPC 8 full level

C01B 3/24 (2006.01)

CPC (source: EP KR)

B01J 23/80 (2013.01 - EP); **B01J 23/882** (2013.01 - EP KR); **B01J 23/8892** (2013.01 - EP); **B01J 23/8913** (2013.01 - EP); **B01J 23/892** (2013.01 - EP); **B01J 35/60** (2024.01 - KR); **C01B 3/02** (2013.01 - KR); **C01B 3/065** (2013.01 - EP); **C01B 3/08** (2013.01 - KR); **B01J 21/18** (2013.01 - EP); **B01J 35/58** (2024.01 - EP); **B01J 35/612** (2024.01 - EP); **B01J 35/613** (2024.01 - EP); **B01J 37/0201** (2013.01 - EP); **Y02E 60/36** (2013.01 - EP)

Citation (search report)

See references of WO 2007002357A2

Cited by

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