

Title (en)

THE USE OF HYDROGEN TO REGENERATE METAL OXIDE HYDROGEN SULFIDE SORBENTS

Title (de)

VERWENDUNG VON WASSERSTOFF ZUR REGENERIERUNG METALLOXIDISCHER WASSERSTOFFSULFIDSORBENTEN

Title (fr)

UTILISATION D'HYDROGENE POUR REGENERER DES SORBANTS DE SULFURE D'HYDROGENE D'OXYDE METALLIQUE

Publication

**EP 1322728 A4 20041006 (EN)**

Application

**EP 01952851 A 20010719**

Priority

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- US 62086400 A 20000721

Abstract (en)

[origin: WO0208361A1] A process to regenerate metal oxide desulfurization sorbents using hydrogen gas. The sorbents may be mono- or multi-metallic in nature, and preferably comprise Ni and/or Co. If desired, secondary metals may be incorporated to increase regeneration efficiency and/or capacity. Other additives suppress hydrocarbon craking.

IPC 1-7

**C07C 7/12**; B01J 20/34; B01J 38/04; B01J 38/10; B01J 38/12; C10G 45/04; C10G 45/06; C10G 45/08; C10G 45/10; B01J 20/00; C10G 45/00; C07C 7/00

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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