

Title (en)  
PROCESS FOR THE PRODUCTION OF HYDROCHLOROSILANES

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON HYDROCHLORSILANEN

Title (fr)  
PROCEDE DE FABRICATION D HYDROCHLOROSILANES

Publication  
**EP 1861408 A4 20110803 (EN)**

Application  
**EP 05725398 A 20050309**

Priority  
US 2005008204 W 20050309

Abstract (en)  
[origin: WO2006098722A1] Hydrogen-containing chlorosilanes are prepared by reacting hydrogen with silicon tetrachloride and/or hydrogen chloride and silicon wherein the surface of the silicon has been modified by a chemical vapor deposition of one or more catalytic materials, such as copper.

IPC 8 full level  
**C07F 7/04** (2006.01)

CPC (source: EP KR)  
**B01J 23/42** (2013.01 - EP); **B01J 23/72** (2013.01 - EP); **B01J 27/122** (2013.01 - EP); **B01J 37/18** (2013.01 - EP); **C01B 33/10742** (2013.01 - EP); **C07F 7/12** (2013.01 - KR); **C07F 7/16** (2013.01 - KR)

Citation (search report)

- [XYI] DE 19654154 A1 19970626 - TOKUYAMA CORP [JP]
- [Y] US 2499009 A 19500228 - WAGNER GEORGE H
- [A] WO 0222500 A1 20020321 - SOLARWORLD AG [DE], et al
- [A] EP 0489441 A1 19920610 - DOW CORNING [US]
- [A] DE 10049963 A1 20020411 - BAYER AG [DE]
- [A] A.E. SCHWEIZER, G.T. KERR: "Thermal Descomposition of Hexachloroplatinic Acid", INORGANIC CHEMISTRY, vol. 17, 1978, pages 2326 - 2327, XP002629605, DOI: 10.1021/ic50186a067
- See references of WO 2006098722A1

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DOCDB simple family (publication)  
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