

Title (en)
SILANE-OPERATED FUEL CELL

Title (de)
SILANBETRIEBENE BRENNSTOFFZELLE

Title (fr)
PILE À COMBUSTIBLE FONCTIONNANT AU SILANE

Publication
EP 2038954 A2 20090325 (DE)

Application
EP 07785579 A 20070628

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Abstract (en)
[origin: WO2008000241A2] Silanes are used for coating with silicon, among other things, and are also used as an energy source that is burned with air. Hydrogen is wasted in the first case while silicon is wasted in the second case. According to the invention, silane is used for supplying hydrogen and purifying silicon during pyrolysis, preferably for operating fuel cells by means of hydrogen.

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Citation (search report)
See references of WO 2008000241A2

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