

SILICON MATERIAL A FOR HYDROGEN GAS PRODUCTION,
SILICON MATERIAL B FOR HYDROGEN GAS PRODUCTION, METHOD FOR
PRODUCING SILICON MATERIAL A FOR HYDROGEN GAS PRODUCTION,
METHOD FOR PRODUCING SILICON MATERIAL B FOR HYDROGEN GAS
5 PRODUCTION, METHOD FOR PRODUCING HYDROGEN GAS, AND DEVICE
FOR PRODUCING HYDROGEN GAS

ABSTRACT

10 A silicon material A for hydrogen gas production
includes: silicon particles; and oil content. The oil
content is 0.1 weight % to 10 weight % of the silicon
particles. A method for producing a silicon material A
for hydrogen gas production includes the steps of:
15 preparing silicon waste 108 including silicon particles,
oil content and, water; centrifuging or filtering the
silicon waste 108 to produce a solid A112 including the
silicon particles and the oil content; and a small amount
of water; drying the solid A112 to produce a solid B115
20 including silicon particles and oil content; and mixing
water 116 with the solid B115 to produce sludge A117.

FIG. 1