

Title (en)

METHOD FOR PRODUCING AND PURIFYING SODIUM HYDRIDE

Title (de)

VERFAHREN ZUR HERSTELLUNG UND REINIGUNG VON NATRIUMHYDRID

Title (fr)

PROCEDE DE PRODUCTION ET DE PURIFICATION D'HYDRURE DE SODIUM

Publication

**EP 1412285 A1 20040428 (DE)**

Application

**EP 02754940 A 20020726**

Priority

- EP 02754940 A 20020726
- EP 0208333 W 20020726
- EP 01118210 A 20010728

Abstract (en)

[origin: EP1279641A1] Production of sodium hydride (NaH) comprises: (1) adding a carbon-containing material under moisture- and oxygen-exclusion to a melt containing sodium hydroxide (and optionally also other alkali metal hydroxides) above the decomposition temperature (420 degrees C) of NaH; and (2) removing the reaction product from the reaction medium at  $\leq 420$  degrees C. An Independent claim for purification of sodium hydride (NaH) adding the impure NaH under moisture- and oxygen-exclusion to a melt containing sodium hydroxide (and optionally other alkali metal hydroxides) above the decomposition temperature (420 degrees C) of NaH and then removing the reaction product from the reaction medium at  $\leq 420$  degrees C.

IPC 1-7

**C01B 6/04**; **C01B 6/34**

IPC 8 full level

**C01B 6/04** (2006.01); **C01B 6/34** (2006.01); **C01D 13/00** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 03016214A1

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