

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 ≤ 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 ≤ 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)

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