

# Patents of KUCEL/MERIT

## Mechano-chemical process

**JP2002-173306** (Filed 2000.12.6)

“Method of manufacturing metal hydrogen complex compound”

- Metal borates
- Metal hydrides(alkaline metals, alkaline earth metals, Al)
- Mechano-chemical reaction

**JP2002-362905** (Filed 2001.4.6)

“Method of manufacturing metal hydrogen complex compound”

- Metal borates
- Metal hydrides(alkali metals, alkali earth metals, Al)
- Alkaline metal compounds(NaOH etc.)
- Mechano-chemical reaction

## Dynamic hydriding/dehydriding process

**Application 2003 -72466** (Filed 2003.1.17)

[Revise of **2002-344426** (Filed 2002.11.27)]

**Application 2003 -11299** (Filed 2003.1.20)

“Method of manufacturing tetrahydroborate”