```
sum_iso  THM

⊢  ∀'a,'b:S.
    (∀x:'a+'b. abs_sum(rep_sum(x)) = x)
    & (∀x:(𝔹→'a→'b→𝔹). is_sum_rep(x) = ((rep_sum(abs_sum(x))) =_b x))
  by RewriteOfThm Thm: hsum_iso_def HNC
END
```