hinl_def THM

```
⊢  ∀'b,'a:S.
|  all
|  (λe:'a. equal
|          (inl(e)
|          ,abs_sum(λb:hbool. λx:'a. λy:'b. and(equal(x,e),b))))
| by Unab [`hinl`] THEN Simpsetp [`hol_to_nuprl`] THEN StrongAuto
|
1. 'b : S
2. 'a : S
3. e : 'a
⊢  inl(e) = abs_sum(λb:hbool. λx:'a. λy:'b. (x =_b e)∧_2b)
| by Assert (inl(e) = abs_sum(rep_sum(inl(e)))) THEN StrongAuto
|
|\
| .....assertion .....
| 1. 'b : S
| 2. 'a : S
| 3. e : 'a
| ⊢  inl(e) = abs_sum(rep_sum(inl(e)))
|   by SwapEquands 0 THEN L Thm: sum_iso THEN StrongAuto
|
.\
. 1. 'b : S
. 2. 'a : S
. 3. e : 'a
. 4. inl(e) = abs_sum(rep_sum(inl(e)))
. ⊢  inl(e) = abs_sum(λb:hbool. λx:'a. λy:'b. (x =_b e)∧_2b)
.   by Unab [`hrep_sum`] THEN Simp THEN StrongAuto
END
```