```
hhd_nuprl  THM

⊢  ∀'a:S, l:'a List. ¬mt(l) ⇒ hd(l) = head(l)
| by Unab [‘hhd‘] THEN Simp THEN StrongAuto
|
1. 'a : S
2. l : 'a List
3. ¬mt(l)
⊢  if null(l) then arb('a) else head(l) fi  = head(l)
  by BifCase THEN Simp THEN StrongAuto
END
```