```
hzero_rep_def  THM

⊢  equal
|  (zero_rep
|  ,select(λx:hind. all(λy:hind. not(equal(x,suc_rep(y))))))
| by HN THEN StrongAuto THEN Unab [‘hzero_rep‘] THEN HN
|    THEN
|    StrongAuto
|
⊢  (@x:ℕ. (∀y:ℕ. ¬x = suc_rep(y)))
   =
   (@_b x:ℕ. (∀_b y:ℕ. ¬_2(x =_b (suc_rep(y)))))
  by Unab [‘bchoose‘] THEN Simp THEN StrongAuto
END
```