```
habs_num_wf  THM

⊢  abs_num ∈ (hind → hnum)
| by Unfolds [‘habs_num‘] 0 THEN StrongAuto
|
.....subterm .....
1. n : hind
⊢  (@m:ℕ. (n = rep_num(m))) ∈ hnum  by Unfold ‘hnum‘ 0
|
.....subterm .....
1. hind
2. m : ℕ
⊢  m ∈ hnum  by Unfold ‘hnum‘ 0
END
```