```
sfa_doc_find_greater_bound_stupidly  THM

⊢  k:ℕ→x:(ℕk List)→{y:ℕ(k+1)| y greater-bounds x }  by Auto
|
1. k : ℕ
2. x : ℕk List
⊢  {y:ℕ(k+1)| y greater-bounds x }  by Witness: k
|
⊢  k greater-bounds x  by Analyze
END
```