```
concat_iseg  THM

⊢  ∀T:Type, ll1,ll2:(T List) List.
|  ll1 ≤ ll2 ⇒ concat(ll1) ≤ concat(ll2)
| by Unfold `iseg` 0 THEN ExRepD THEN HypSubst -1 0
|
1. T : Type
2. ll1 : (T List) List
3. ll2 : (T List) List
4. l : (T List) List
5. ll2 = (ll1 @ l)
⊢  ∃l@0:T List. concat(ll1 @ l) = (concat(ll1) @ l@0)
  by RWO
     Thm* ∀ll1,ll2:(Top List) List.
          concat(ll1 @ ll2) ~ (concat(ll1) @ concat(ll2))
     {concat_append}
     0
     THEN
     InstConcl [concat(l)]
END
```