```
ooc_preserves_unb_inf  THM

⊢  ∀A,B:Type. (A ∼ B) ⇒ Unbounded(A) ⇒ Unbounded(B)  by Auto
|
1. A : Type
2. B : Type
3. A ∼ B
4. Unbounded(A)
⊢  Unbounded(B)  by SimilarTo Hyp:-1
|
4. k : ℕ
5. ∃∈(ℕk inj→ A)
⊢  ∃∈(ℕk inj→ B)  by Rewrite by A ∼ B
END
```