```
inv_image_ind  THM

⊢  ∀r:(A→A→Prop), B:Type, f:(B→A).
   WellFnd{i}(A;x,y.r(x,y)) ⇒ WellFnd{i}(B;x,y.r(f(x),f(y)))
  by Lemma
     Thm* ∀r:(T→T→Prop), S:Type, f:(S→T).
          WellFnd{i}(T;x,y.r(x,y)) ⇒ WellFnd{i}(S;x,y.r(f(x),f(y)))
     {inv_image_ind_tp}
END
```