```
sequent_rank_wf  THM

⊢  ρ ∈ Sequent→ℕ  by Unfold `sequent_rank` 0 THEN MemberEqCD
|
1. S : Sequent
⊢  ρ(S.H)+ρ(S.C) ∈ ℕ  by Analyze -1 THEN Reduce 0
|
1. S1 : Formula List
2. S2 : Formula List
⊢  ρ(S1)+ρ(S2) ∈ ℕ  by GenConclOnAps
END
```