```
fpf-ap_wf  THM

⊢  ∀A:Type, B:(A→Type), f:a:A fp-> B(a), eq:EqDecider(A), x:A.
|  x ∈ dom(f) ⇒ f(x) ∈ B(x)  by Unfolds [‘fpf‘;‘fpf-dom‘;‘fpf-ap‘] 0
|
.....subterm .....
1. A : Type
2. B : A→Type
3. f : d:A List×a:{a:A| (a ∈ d) }→B(a)
4. eq : EqDecider(A)
5. x : A
6. deq-member(eq;x;1of(f))
⊢  x ∈ {a:A| (a ∈ 1of(f)) }
  by RWO
     Thm* ∀eq:EqDecider(A), L:A List, x:A.
          deq-member(eq;x;L) ⟺ (x ∈ L)
     {assert_DASH_deq_DASH_member}
     -1
     THEN
     Analyze
END
```