```
card_sum_family_singleton_vs_intseg  THM

⊢  ∀a,a':ℤ.
|  a'-a = 1
|  ⇒
|  (∀B:({a..a'⁻}→Type{i}). (i:{a..a'⁻}×B(i)) ~ ({a:ℤ}×B(a)))
| by Auto
|
1. a : ℤ
2. a' : ℤ
3. a'-a = 1
4. B : {a..a'⁻}→Type
⊢  (i:{a..a'⁻}×B(i)) ~ ({a:ℤ}×B(a))  by OOCifExteq
|
⊢  (i:{a..a'⁻}×B(i)) =ext ({a:ℤ}×B(a))
  by BackThru:
     Thm*  ∀a,a':ℤ.
           a'-a = 1
           ⇒
           (∀B:({a..a'⁻}→Type{i}).
            (i:{a..a'⁻}×B(i)) =ext ({a:ℤ}×B(a)))
     {exteq_sum_family_singleton_vs_intseg}
END
```