Inference at $*$
of proof for Lemma strict_part_irrefl:

$\vdash \forall T$:Type, R:($T \to T \to \mathbb{P}$), a, b:T. strict_part(x,y.$R(x,y)$;a;b) $\Rightarrow$ ($\neg(a = b)$)
by ((Unfolds "not strict_part" 0)
CollapseTHEN (((RepD)
CollapseTHENA (
(Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))·
))·

1:

1. T : Type
2. R : $T \to T \to \mathbb{P}$
3. a : T
4. b : T
5. $R(a,b)$
6. $\neg R(b,a)$
7. $a = b$

$\vdash$ False

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