Inference at $*$ 2
of proof for Lemma quot_elim:

1. T : Type
2. E : $T \to T \to \mathbb{P}$
3. EquivRel(T;x,y.$E(x,y)$)
4. a : T
5. b : T
6. $\downarrow E(a,b)$

$\vdash a = b$
by D 6

1:

6. $E(a,b)$

$\vdash a = b$

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