Inference at $*$ 2 1
of proof for Lemma decidable_functionality:

1. $P : \mathbb{P}$
2. $Q : \mathbb{P}$
3. $P \iff Q$
4. Dec(Q)

$\vdash$ Dec(Q)
by (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 4:n)) (first_tok :t) inil_term)

.

---

http://www.nuprl.org/FDLcontent/p0_942988_/p121_99290_{decidable_functionality}2_1.html