Inference at $*$ 2 1
of proof for Lemma decidable-filter:

. . . . .wf. . . . . NILNIL

1. T : Type
2. T List
3. u : T
4. v : T List
5. $\forall P{:}(\{x{:}T|\ (x \in v)\} \to \mathbb{P})$.
   $(\forall x{\in}v.\ \mathrm{Dec}(P(x))) \Rightarrow (\exists L'{:}T\ \mathrm{List}.\ (L' \subseteq v\ \&\ (\forall x{:}T.\ (x \in L') \iff ((x \in v)\ \&\ P(x)))))$
6. P : $\{x{:}T|\ (x \in [u\ /\ v])\} \to \mathbb{P}$
7. $\forall x{\in}[u\ /\ v].\ \mathrm{Dec}(P(x))$

$\vdash P \in \{x{:}T|\ (x \in v)\} \to \mathbb{P}$
by ((ExtWith ['z'] [$\{x{:}T|\ (x \in [u\ /\ v])\} \to \mathbb{P}$])
CollapseTHEN (MaAuto$\cdot$))$\cdot$

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http://www.nuprl.org/FDLcontent/p0_963683_/p28_1027819_{decidable-filter}2_1.html