

es-first-since_functionality_wrt_iff^{11,40}

$\forall es:ES, e_1:E, e_2:\{e:E \mid \text{loc}(e) = \text{loc}(e_1) \in \text{Id}\}, p, p':(\{e:E \mid \text{loc}(e) = \text{loc}(e_1) \in \text{Id}\} \rightarrow \mathbb{P}).$
 $(\forall e:\{e:E \mid \text{loc}(e) = \text{loc}(e_1) \in \text{Id}\} . p(e) \iff p'(e))$
 $\Rightarrow (e_2 = \text{first } e \geq e_1.p(e) \iff e_2 = \text{first } e \geq e_1.p'(e))$