

ecl-reset-lemma^{11,40}

$\forall ds:\text{fpf}(\text{Id}; x.\text{Type}), da:\text{fpf}(\text{Knd}; k.\text{Type}), v:\text{ecl-trans-tuple}\{i:l\}(ds; da),$
 $L:(\text{event-info}(ds; da) \text{ List}), m:\mathbb{N}.$
 $\text{ecl-trans-normal}(v)$
 $\Rightarrow (\forall L_1:(\text{event-info}(ds; da) \text{ List}).$
 $\text{iseg}(\text{event-info}(ds; da); L_1; L) \Rightarrow (\text{ecl-trans-halt2}(ds; da; v)(0, L_1)) \Rightarrow \text{False})$
 $\Rightarrow ((\text{ecl-trans-act}(ds; da; v)(m, L)) \iff (\text{ecl-trans-act}(ds; da; \text{reset-ecl-tuple}(v))(m, L)))$