ecl-trans-halt2-add-catch[11,40]

$\forall ds$:fpf(Id; x.Type), da:fpf(Knd; k.Type), l:($\mathbb{N}$ List), v:ecl-trans-tuple{i:l}(ds; da),
L:(event-info(ds;da) List), n:$\mathbb{N}$.
(ecl-trans-halt2(ds; da; ecl-add-catch(v; l))(n,L))
$\iff$ (((¬($n \in l$)) $\wedge$ (ecl-trans-halt2(ds; da; v)(n,L)))
$\vee$ (($n = 0 \in \mathbb{Z}$) $\wedge$ l_exists(l; $\mathbb{N}$; m.(ecl-trans-halt2(ds; da; v)(m,L)))))

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http://www.nuprl.org/FDLcontent/p0_963683_/p44_71004_{ecl-trans-halt2-add-catch}.html