

## ecl-machine2\_wf<sup>11,40</sup>

$\forall i:\text{Id}, ds:\text{fpf}(\text{Id}; x.\text{Type}), da:\text{fpf}(\text{Knd}; k.\text{Type}), x:\text{Id}, T:\text{Type}, ks:(\text{Knd List}),$   
 $a:(\mathbb{N} \rightarrow (k:\{k:\text{Knd} \mid (k \in ks)\} \rightarrow \text{decl-state}(ds) \rightarrow \text{ma-valtype}(da; k) \rightarrow T \rightarrow \mathbb{B})),$   
 $upd:\text{update-spec}(ds; da).$   
 $(\neg(\uparrow\text{fpf-dom}(\text{id-deq}; x; ds)))$   
 $\Rightarrow \text{update-spec-decl}(upd; ds)$   
 $\Rightarrow (\text{ecl-machine2}(i; ds; da; x; T; ks; a; upd) \in \text{es\_realizer}\{i:l\})$