

w-automaton^{0,22}

w-automaton($T; TA; M$)
 \equiv_{def} ($b:\text{Id} \rightarrow (x:\text{Id} \rightarrow T(x)) \rightarrow (TA(b) + \text{Unit})$)
 $\times (k:\text{Knd} \rightarrow \text{kindcase}(k; a.TA(a); l, tg.M(l, tg)) \rightarrow (x:\text{Id} \rightarrow T(x)) \rightarrow (x:\text{Id} \rightarrow T(x)))$
 $\times (k:\text{Knd} \rightarrow \text{kindcase}(k; a.TA(a); l, tg.M(l, tg)) \rightarrow (x:\text{Id} \rightarrow T(x)) \rightarrow$
 $((l:\text{IdLnk} \times t:\text{Id} \times M(l, t)) \text{ List}))$