do-apply-p-first-disjoint[11,40]

$\forall A$, B:Type, L:(($A{\rightarrow}(B$ + Top)) List), x:A.
($\forall f,g{\in}L$. p-disjoint(A;f;g))
$\Rightarrow$ ($\forall f$:($A{\rightarrow}(B$ + Top)).
 ($f \in L$) $\Rightarrow$ ($\uparrow$can-apply(f;x)) $\Rightarrow$ (do-apply(p-first(L);x) = do-apply(f;x) $\in B$))