fpf-join-list-ap2[11,40]

$\forall A$:Type, eq:EqDecider(A), B:($A\rightarrow$Type), L:(a:A fp$\rightarrow$ $B(a)$ List), x:A.
$(x \in$ fpf-domain$(\oplus(L))) \Rightarrow (\exists f{\in}L.(\uparrow x \in \text{dom}(f)) \ \& \ \oplus(L)(x) = f(x) \in B(x))$