fpf-join-compatible-left[0,22]

$\forall A$:Type, eq:EqDecider(A), B, C, D, E, F, G:(A→Type), f:a:A fp→ $B(a)$, g:a:A fp→ $C(a)$,
h:a:A fp→ $D(a)$.
$(\forall a{:}A.\ B(a) \subseteq \rho\ E(a))$
$\Rightarrow (\forall a{:}A.\ C(a) \subseteq \rho\ F(a))$
$\Rightarrow (\forall a{:}A.\ D(a) \subseteq \rho\ E(a))$
$\Rightarrow (\forall a{:}A.\ D(a) \subseteq \rho\ F(a))$
$\Rightarrow (\forall a{:}A.\ F(a) \subseteq \rho\ G(a))$
$\Rightarrow (\forall a{:}A.\ E(a) \subseteq \rho\ G(a))$
$\Rightarrow \{f \parallel h \Rightarrow g \parallel h \Rightarrow f \oplus g \parallel h\}$

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http://www.cs.cornell.edu/Info/Projects/NuPrl/FDLcontent/p0_286125_/
p15_137988_{fpf-join-compatible-left}.html