Q-R-glued-conditional[11,40]

$\forall es$:ES, Q_1, Q_2, R:(E→E→ $\mathbb{P}$), A, B:Type, Ia_1, Ia_2:AbsInterface(A), Ib_1,
  Ib_2:AbsInterface(B), f:(E($[Ia_1?Ia_2]$)→B).
$Ia_1 \cap Ia_2 = 0$
$\Rightarrow Ib_1 \cap Ib_2 = 0$
$\Rightarrow$ Q-R-glued(es; B; f; Ia_1; Q_1; Ib_1; R)
$\Rightarrow$ Q-R-glued(es; B; f; Ia_2; Q_2; Ib_2; R)
$\Rightarrow$ Q-R-glued(es; B; f; $[Ia_1?Ia_2]$; $(Q_1|\{Ia_1\} \vee Q_2|\{Ia_2\})$; $[Ib_1?Ib_2]$; R)