R-discrete-compat-disjoint-names[11,40]

$\forall A$, B:Realizer.
$(\neg(\uparrow\text{Rplus?}(A)))$
$\Rightarrow (\neg(\uparrow\text{Rplus?}(B)))$
$\Rightarrow (\neg(\uparrow\text{Rnone?}(A)))$
$\Rightarrow (\neg(\uparrow\text{Rnone?}(B)))$
$\Rightarrow (\forall x$:MaName. $\neg((x \in \text{R-names}(A)) \ \&\ (x \in \text{R-names}(B))))$
$\Rightarrow (\text{R-loc}(A) = \text{R-loc}(B) \in \text{Id})$
$\Rightarrow \text{R-discrete_compat}(A;B)$

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http://www.nuprl.org/FDLcontent/p0_963683_/p91_230982_{R-discrete-compat-disjoint-names}.html