```
ma-join_wf  THM

⊢  ∀M1,M2:MsgA. M1 ||decl M2 ⇒ M1 ⊕ M2 ∈ MsgA
  by All_MsgA THEN Analyze 0 THEN Unfold_MsgA -1 THEN Fold ‘mk-ma‘ 0
     THEN
     All (Unfold ‘ma-valtype‘)
     THEN
     DoSubsume
     THEN
     ProveFpfSub
END
```