```
ma-dout_wf  THM

⊢  ∀M:MsgA, l:IdLnk, tg:Id. M.dout(l,tg) ∈ Type
  by All_MsgA THEN SubsumeC ltg:{p:(IdLnk×Id)| O(1of(p)) } fp-> Type
     THEN
     BackThru ‘subtype-fpf‘
END
```