```
RemoveNumber_{-}
  \Delta Telephone Directory
  p?: TELEPHONE
  p? \in \operatorname{ran} phoneNumbers
  \exists\, m: \mathrm{dom}\, persons \, \bullet
  m \mapsto p? \in phoneNumbers \; \land \;
  phoneNumbers' = phoneNumbers \setminus \{m \mapsto p?\}
OUTPUT ::= success \mid alreadyInDirectory \mid nameNotInDirectory \mid
number In Use \mid number Doesnt Exist
  Success
  message!:OUTPUT
  message! = success
  AlreadyInDirectory
  \Xi \, Telephone Directory
  message!: OUTPUT
  n?: NAME
  s?: SURNAME
  n? \mapsto s? \in persons
  message! = alreadyInDirectory
  NameNotInDirectory
  \Xi Telephone Directory
  message!: OUTPUT
  n?: NAME
  s?:SURNAME
  n? \mapsto s? \not\in persons
  message! = nameNotInDirectory
  NumberInUse
  message!: OUTPUT
  p?: TELEPHONE
  p? \in \operatorname{ran} phoneNumbers
  message! = numberInUse
```