```
outputs: return: pure
local variables: newx: int, element: element_t*
global variables: x: int, head: element_t*
                            arg /
                   newx := arg; x := newx
             Idle
                                             31
                                               true /
element = 0 / return
                                          element := head
                             32
                                             returnFromListener /
     element \neq 0 /
                                          element := element->next
              33
                                             34
            true / (* (element->listener)) (newx)
```

**inputs:** arg: int, returnFromListener: pure