

```
45 public boolean remove(T item) {  
46     int key = item.hashCode();  
47     boolean snip;  
48     while (true) {  
49         Window window = find(head, key);  
50         Node pred = window.pred, curr = window.curr;  
51         if (curr.key != key) {  
52             return false;  
53         } else {  
54             Node succ = curr.next.getReference();  
55             snip = curr.next.compareAndSet(succ, succ, false, true);  
56             if (!snip)  
57                 continue;  
58             pred.next.compareAndSet(curr, succ, false, false);  
59             return true;  
60         }  
61     }  
62 }
```

**FIGURE 9.25** The LockFreeList class: The remove() method calls find() to locate pred and curr, and atomically marks the node for removal.