```
leaf node L:   arrive[L] = 1;
               〈await (continue[L] == 1);〉
               continue[L] = 0;
interior node I:  〈await (arrive[left] == 1);〉
                  arrive[left] = 0;
                  〈await (arrive[right] == 1);〉
                  arrive[right] = 0;
                  arrive[I] = 1;
                  〈await (continue[I] == 1);〉
                  continue[I] = 0;
                  continue[left] = 1; continue[right] = 1;
root node R:   〈await (arrive[left] == 1);〉
               arrive[left] = 0;
               〈await (arrive[right] == 1);〉
               arrive[right] = 0;
               continue[left] = 1; continue[right] = 1;
```

Figure 3.14 Barrier synchronization using a combining tree.