```
int nr = 0, nw = 0;
## RW:  (nr == 0 ∨ nw == 0) ∧ nw <= 1
process Reader[i = 1 to m] {
  while (true) {
    ...
    ⟨await (nw == 0) nr = nr+1;⟩
    read the database;
    ⟨nr = nr-1;⟩
  }
}
process Writer[j = 1 to n] {
  while (true) {
    ...
    ⟨await (nr == 0 and nw == 0) nw = nw+1;⟩
    write the database;
    ⟨nw = nw-1;⟩
  }
}
```

Figure 4.11 A coarse-grained readers/writers solution.