



**Figure 4.10** FILES: figures/erratic-vacuum-and-or-plan.eps (Tue Nov 3 13:32:58 2009). The first two levels of the search tree for the erratic vacuum world. State nodes are OR nodes where some action must be chosen. At the AND nodes, shown as circles, every outcome must be handled, as indicated by the arc linking the outgoing branches. The solution found is shown in bold lines.