

ABSTRACT

The invention is directed at an ion-conductive solid
5 polymer-forming composition, a binder resin and an ion-
conductive solid polymer electrolyte comprising (A) a
polymeric compound containing polyvinyl alcohol units and
having an average degree of polymerization of at least 20,
in which compound some or all of the hydroxyl groups on the
10 polyvinyl alcohol units are substituted with oxyalkylene-
containing groups to an average molar substitution of at
least 0.3, (B) an ion-conductive salt, and (C) a compound
having crosslinkable functional groups. The composition and
the polymer electrolyte obtained therefrom have a high ionic
15 conductivity and a high tackiness. Moreover, the polymer
electrolyte has a semi-interpenetrating polymer network
structure, giving it excellent shape retention.