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(54) Title: PRION DISINFECTION

(57) Abstract: The invention relates to a methods and compositions for treating a surface, suspension or solution contaminated with a PrP^{Sc} prion protein or a surrogate thereof. The methods and compositions employ a combination of one or more enzymes effective to cleave a prion protein to fragments having a non-infective molecular weight, and one or more agents selected to favour conformational unfolding of the PrP^{Sc} prion protein while not denaturing the one or more enzymes.