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(54) Title: USES OF TYPE II AND TYPE I INORGANIC PYROPHOSPHATASES

(57) Abstract: The present disclosure provides uses of type II and variant type I and type II inorganic pyrophosphatases under nonnatural conditions present in industrial applications. In another aspect, the present disclosure describes compositions and methods of using inorganic pyrophosphatases with nucleoside triphosphates and in coupled reactions with a second enzyme.