

Hydroelectric Inflow Dam System

Abstract

[0027] The present invention describes an inflow dam (30,130) for a hydroelectric system (10,10a,100,200). Water flowing into the inflow dam (30,130) is operable to turn a turbine (50,50a,150) and generator (60). A sleeve (36) with apertures (37) surrounding an inflow dam (50,50a) is operable to rotate or slide to align the apertures (37) with corresponding nozzles (40) on the inflow dam for regulating water flow. In another embodiment, a sleeve (136) is operable to slide on the inflow dam to regulate water head and flow over the top of the inflow dam (130).

[0028] FIG. 1A for publication