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(54) **CROSSTALK REGULATOR FOR CABLES**

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(57) **ABSTRACT**

A crosstalk regulator for a cabinet includes a cable management component having a ring portion surrounding a central axis and a plurality of teeth protruding radially outward from the ring portion. The teeth define a plurality of slots distributed around a circumference of the ring portion. Each slot is defined between a pair of adjacent teeth and extends parallel to the central axis. Each tooth includes a first portion and a second portion, the first portion protrudes farther radially outward from the ring portion than the second portion. The cable management component is slidably disposed in the cabinet such that the second portion is disposed in the opening and the first portion is engaged to the cabinet to releasably retain the crosstalk regulator in the cabinet. Each slot routes one cable between controlled and external environments while maintaining a fixed distance between adjacent cables to regulate crosstalk among the cables.