RING BINDER

ABSTRACT OF THE DISCLOSURE

A ring binder (10) comprises a pair of leaves (28, 30) hingedly connected to each other for relative movement therebetween. A plurality of spaced binder rings (22, 24, 26) are each formed of a pair of ring halves (22a, 22b, 24a, 24b, 26a, 26b). One end (22c, 22d, 24c, 24d, 26c, 26d) of each ring half is attached to one of the leaves. Movement of the leaves thus moves the opposite end of the respective ring halves out of and into contact with each other so to open and close the binder. A shield (20) covering the leaves has spaced openings (42) through which the ring halves extend. The shield has a plurality of raised sections (44, 46, 48) extending transversely of a longitudinal axis of the shield with one of the raised sections being formed at each binder ring location. Another raised section (52) extends axially of the longitudinal axis of the shield and intersects each of the transversely extending raised sections. Both the axially extending raised section and the transversely extending raised section are being formed in the shield to increase the strength of the shield. Detends (62, 64) of a geometric shape are formed in the longitudinally extending raised section to further strengthen the shield.

Figure 1