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CABLE MARKER STRIP AND METHOD OF
MAKING THE SAME

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2 Claims. (Cl. 40—23)

This invention relates to cable marker strip and method of making the same. In application S. N. 9985 filed March 8, 1935 and owned by the same assignee as here, there was disclosed and claimed a machine for applying cable markers to cables. In order to utilize cable markers, it is necessary that the markers be manufactured cheaply and quickly.

Referring to the drawing:

Figure 1 shows in diagrammatic form the manufacturing steps and apparatus.

Figures 2 and 3 are views showing a marker strip applied to a cable.

Referring to Figure 1, a strip 1 of metal, usually cadmium plated iron, is fed along a block 2 by feeding mechanism not shown but well known in the punch press art. Block 2 has set therein an anvil block provided with three longitudinal parallel slots 6-8 inclusive. Above block 5 a die 10 is provided having three projecting portions 11-13 inclusive corresponding to slots 6-8. Die 10 is reciprocated vertically and stamps out slots 14-16 inclusive in strip 1 at spaced intervals. These slots are lengthwise of strip 1. The punched strip 1 next encounters two complementary die members 20 and 21. Die 20 has a transverse U shaped projection 22 adapted to extend across the full width of strip 1. Die 21 has two U shaped slots 24 and 25 therein, perpendicular to each other and resulting in the formation of four projecting portions of which three, 26-28 inclusive are visible. Every one of the projections has the inner surface tapered to provide cutting edges, 31-33 inclusive only appearing. These edges are all perpendicular to the line of travel of strip 1 and on the outside of the cross sectional area of die 21. An insert die 35 having suitable indicia at the bottom is adapted to stamp out such indicia within the interior

region enclosed by the four projecting members.

Dies 20 and 21 are reciprocated toward each other so that outer sections 40 and 41 bordering along slots 14 and 16 respectively are severed at their midpoints transversely thereto and bent downwardly to form arms 42 and 43 on each side of a marker section. At the same time suitable matter is engraved upon each marker section. The strip thereupon travels along a block 50 to be rolled upon a suitable reel or otherwise utilized. It is understood of course, that the dies 10, 20, and 21 together with suitable feeding means are synchronized.

The marker sections are utilized by cutting off links 51 and 52 from each side of a marker section and bending arms 42 and 43 around a cable as shown in Figures 2 and 3, and more completely disclosed and claimed in the application referred to.

It is clear that center slot 7 could be eliminated entirely without in any way impairing the value of the marker strip.

What is claimed is:

1. A cable marker strip comprising a metallic ribbon having separate marker sections, each section consisting of a narrow strip transverse to the ribbon and occupying the full width of said ribbon, each end of said narrow strip having integral arms extending from each side thereof, said arms being bent perpendicularly to said narrow strip to form U's, and link sections extending from the center portion of said narrow strip on each side thereof and connecting adjacent marker sections.

2. The structure of claim 1 wherein said arms have a length equal to half the distance between adjacent marker sections.

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