ABSTRACT

FEEDING MECHANISM AND DOCUMENT INVALIDATION DEVICE

A feeding mechanism, which is configured inside an installation frame and reciprocates between a feeding position and a target invalidation position inside the installation frame, is disclosed. The feeding mechanism includes a transport structure, a displacing component and a drive apparatus. The drive apparatus drives the displacing component to move in a horizontal direction, the displacing component includes a feeding structure and a gripping structure. The feeding structure is arranged along the feeding position, and the gripping structure can move upward and downward relative to the feeding structure in a vertical direction. By using the feeding mechanism, the transport state of document can be flexibly adjusted during the transport process, which improves the accuracy and stability of document transport. Furthermore, the possibility that the manipulator may pinch or scratch the document during the transport can be avoided, and the security and reliability of document transport can be improved

Fig 1