

DEVICE AND METHOD FOR THE CONTINUOUS GENERATION OF A FAULTLESS CONVEYOR BELT

Abstract

The invention relates to a device (1) for continuously selecting defective components (2) from a certain amount of components (2) which are arranged in a detachable manner on a carrier strip (3) in at least one continuous row, and a device (80) and method for continuously producing a carrier strip (3), which is void of defects, from a carrier strip (3) whereon components (2) are arranged in at least one continuous row, and which comprises defective components (2) and components which are void of defects (2). Said device (1) for continuously selecting defective components (2) comprises a control device (10) which is used to determine defective components, a transfer device (20) which is used to transfer selected, defective components (2), at least one separation device (30, 31, 32), which at least partially separates each component (2) from the carrier strip (3) and replaces it in an offset manner in relation to the preceding position on the carrier strip (3), and at least one selection device (40), which selects a component (2) which is determined as defective by the control device (10) and at least partially separates it from the carrier strip (3) in such a manner that said component is removed by the transfer device (20). Said device can be used, for example, in the production of labels (smart labels).

Fig. 1