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(54) Title: DEVICE AND METHOD FOR CHECKING PATTERNS DISPOSED ON A MATERIAL STRIP AND THE MATERIAL STRIP

(57) Abstract

Method and device for checking patterns (1) disposed on a material strip (30) which patterns (1) consist of groups of dark and light areas (2,2*, 3,3*) succeeding in the travelling direction (v) of the material strip (30) and the checking respectively, by displacing the position of the dark areas (2, 3) and/or the light areas (2*, 3*) of one group with respect to a related detector (8, 9) in regard to the dark areas (2, 3) and/or light areas (2*, 3*) of another group with respect to another related detector (8, 9) by detecting the existence or non-existence of dark areas and/or light areas and by creating a sequence of output signals dependent on the result of the detection by combining the output signals comprising information concerning said dark or light areas (2,2*, 3,3*) of each detector (8, 9) with the output signals depending on the detection of one of said dark or light areas (2,2*, 3,3*) of the other detector (8, 9) in a predetermined way by for example alternately activating each detector (8, 9) by the other detector (8, 9) and by comparing this sequence of output signals with a predetermined sequence of signals.

