

Title (en)
CIGARETTE MANUFACTURING MACHINE AND CONTROL SYSTEM THEREFOR

Title (de)
ZIGARETTENHERSTELLUNGSMASCHINE UND STEUERSYSTEM DAFÜR

Title (fr)
MACHINE DE FABRICATION DE CIGARETTES ET SYSTEME DE COMMANDE CORRESPONDANT

Publication
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Application
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Abstract (en)
[origin: WO0016647A1] A cigarette manufacturing apparatus comprises a tobacco rod maker for making double length tobacco rods, a tipper for applying filters to tobacco rods to form filter tipped cigarettes, and a transfer apparatus for transferring double length tobacco rods from the rod maker to the tipper. Each of the tipper and the rod maker comprises a plurality of field devices for monitoring and/or affecting parameters of the rod maker, the tipper or the cigarettes being manufactured. A motion controller controls a plurality of synchronised motors. A PC based controller controls the motion controller, the devices on the tipper and the rod maker and communicates with an HMI which is running on the same or a separate PC. The devices and the controller are linked by a field bus. The HMI PC and the motion controller are connected to the system controller either over their own links or via the fieldbus.

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IPC 8 full level
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WO 0016647 A1 20000330; AR 020476 A1 20020515; AT E237240 T1 20030515; AU 5635999 A 20000410; BG 105343 A 20011229; BR 9913847 A 20010612; CN 1153527 C 20040616; CN 1317940 A 20011017; CZ 2001831 A3 20020612; DE 69907000 D1 20030522; DE 69907000 T2 20040429; EE 200100165 A 20021015; EP 1113729 A1 20010711; EP 1113729 B1 20030416; HU P0104798 A2 20020429; HU P0104798 A3 20020528; ID 29075 A 20010726; JP 2002526054 A 20020820; KR 20010075106 A 20010809; MX PA01002804 A 20020424; PL 346655 A1 20020225; RU 2223016 C2 20040210; TR 200100745 T2 20010821; UA 68391 C2 20040816

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