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(21) International Application Number: PCT/NL97/00267 (22) International Filing Date: 13 May 1997 (13.05.97) (30) Priority Data: 1003183 22 May 1996 (22.05.96) NL (71) Applicant (for all designated States except US): FICO B.V. [NL/NL]; Edisonstraat 90, NL-6942 PZ Didam (NL). (72) Inventors; and (75) Inventors/Applicants (for US only): HARMSSEN, Wilhelmus, Hendrikus, Johannes [NL/NL]; Akkerstraat 8, NL-7031 AM Wehl (NL). IN DEN BOSCH, Wilhelmus, Johannes [NL/NL]; Zellersacker 2034, NL-6546 HW Nijmegen (NL). (74) Agent: VAN DEN HEUVEL, Henricus, Theodorus; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the</i> <i>claims and to be republished in the event of the receipt of</i> <i>amendments.</i> <i>In English translation (filed in Dutch).</i>

(54) Title: DEVICE FOR SEPARATING AND TRANSPORTING MOULDING MATERIAL PARTS AND DEVICE AND METHOD FOR GROUPING, POSITIONING AND TRANSPORTING MOULDING MATERIAL PARTS

(57) Abstract

The invention relates to a device for separating and transporting moulding materials from a feed path to a discharge position comprising at least one holder for a moulding material part movable rotatably between a position close to the feed path and the discharge position, and an ejector for discharging a moulding material part arranged in the holder from the movable holder close to the discharge position. The invention also relates to a device for grouping, positioning and transporting singly supplied moulding materials from a loading position to an offloading position. The invention furthermore relates to a method for encapsulating electronic components by loading a mould half at a fixed position with singly supplied moulding materials.

