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(21) International Application Number: PCT/US95/16859 (22) International Filing Date: 21 December 1995 (21.12.95) (30) Priority Data: 08/360,336 21 December 1994 (21.12.94) US (71) Applicant: THE SALK INSTITUTE FOR BIOLOGICAL STUDIES [US/US]; 10010 North Torrey Pines Road, La Jolla, CA 92037-1099 (US). (72) Inventor: WEIGEL, Detlef; 2275 Via Aprilia, Del Mar, CA 92014 (US). (74) Agent: HAILE, Lisa, A.; Fish & Richardson P.C., Suite 1400, 4225 Executive Square, La Jolla, CA 92037 (US).		(81) Designated States: AL, AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, 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, TT, UA, UG, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, 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), ARIPO patent (KE, LS, MW, SD, SZ, UG). Published <i>With international search report.</i>
(54) Title: GENETICALLY MODIFIED PLANTS HAVING MODULATED FLOWER DEVELOPMENT (57) Abstract The present invention provides a genetically modified plant and a method for producing such a plant characterized as having modulated flower meristem development. As an illustrative example, the invention provides genetically modified tobacco and aspen plants characterized as having early floral meristem development and comprising a structural gene encoding the LEAFY protein in its genome.		