

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
28 October 2004 (28.10.2004)

PCT

(10) International Publication Number
WO 2004/091316 A1

- (51) International Patent Classification⁷: **A23L 1/221**, C12N 9/42 (74) Agents: **MINOJA, Fabrizio** et al.; Bianchetti Bracco Minoja S.r.l., Via Rossini, 8, I-20122 Milan (IT).
- (21) International Application Number: PCT/EP2003/014702 (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 22 December 2003 (22.12.2003)
- (25) Filing Language: English
- (26) Publication Language: English (84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (30) Priority Data: MI2003A 000778 15 April 2003 (15.04.2003) IT
- (71) Applicant (*for all designated States except US*): **INDENA S.P.A.** [IT/IT]; Via Ortles, 12, I-20139 Milano (IT).
- (72) Inventors; and (75) Inventors/Applicants (*for US only*): **PONZONE, Cesare** [IT/IT]; Via Ortles, 12, I-20139 Milano (IT). **D'ADAGO, Vittorio** [IT/IT]; Via Ortles, 12, I-20139 Milano (IT). **BERTANI, Marco** [IT/IT]; Via Vespucci, 18, I-20081 Abbiategrasso (IT).
- Published:**
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: A PROCESS FOR THE ENZYMATIC PREPARATION OF VANILLA FLAVOR

(57) Abstract: The invention relates to a process for the preparation of a vanilla extract, which process consists in subjecting vanilla green beans to accelerated browning followed by extractive/enzymatic treatment.

WO 2004/091316 A1