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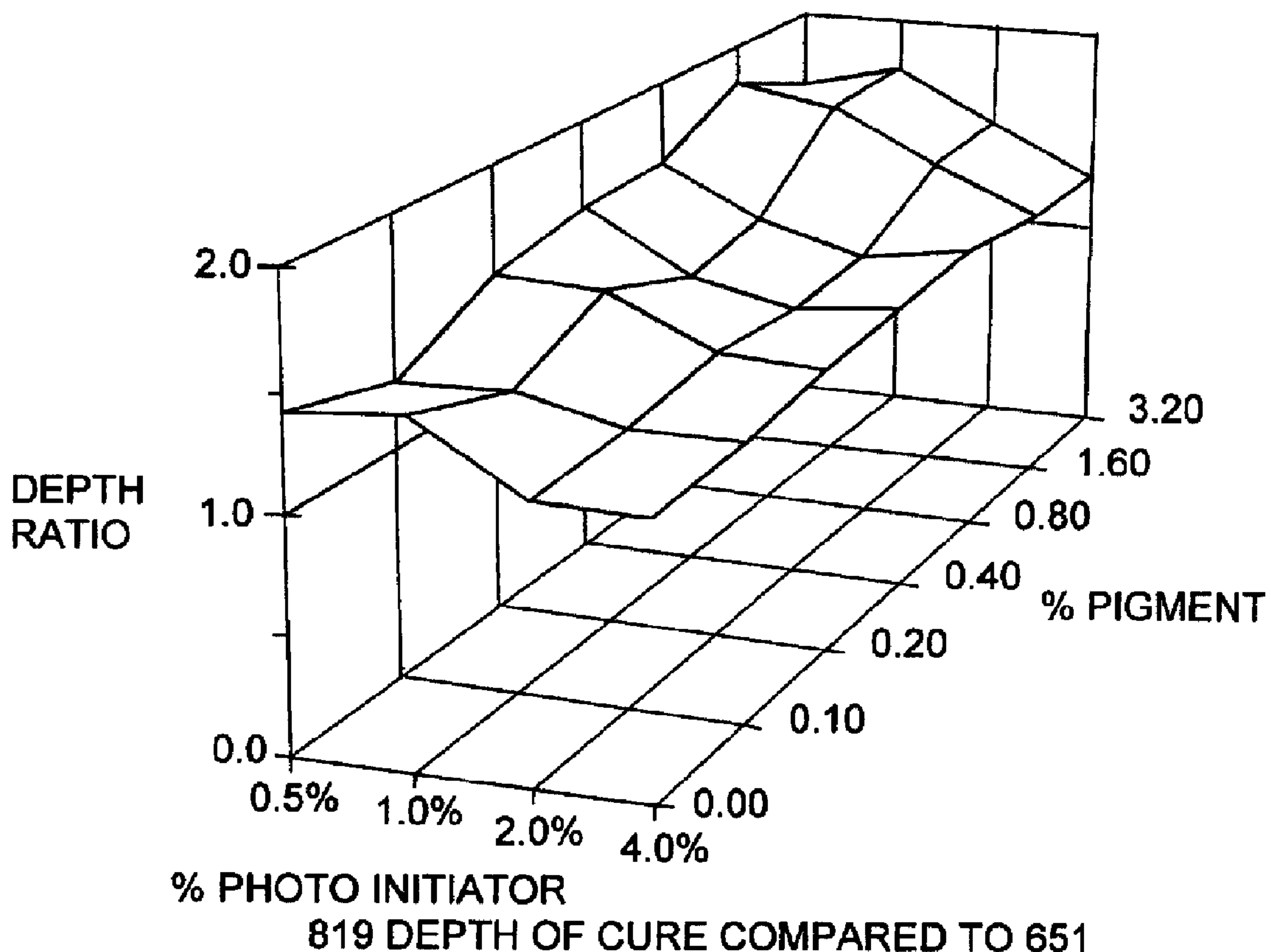
(72) Inventeurs/Inventors:
YANG, WENLIANG PATRICK, US;
WEI, PAUL, US;
SWEI, GWO SHIN, US;
GAETA, ANTHONY C., US

(73) Propriétaire/Owner:
SAINT-GOBAIN ABRASIVES, INC., US

(74) Agent: GOWLING LAFLEUR HENDERSON LLP

(54) Titre : ABRASIFS ENROBES UTILISANT UN PHOTOAMORCEUR D'OXYDE D'ACYLPHOSPHINE

(54) Title: ACYLPHOSPHINE OXIDE PHOTOCURE COATED ABRASIVE



(57) Abrégé/Abstract:

Abrasive tools, such as coated abrasives, made using radiation curable resin binders can be given a greater depth of cure of the binder if they include bis(2,4,6-trimethylbenzoyl) phenylphosphine oxide photoinitiator.

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(21) International Application Number: PCT/US99/29101 (22) International Filing Date: 8 December 1999 (08.12.99) (30) Priority Data: 09/212,664 16 December 1998 (16.12.98) US (71) Applicant: NORTON COMPANY [US/US]; 1 New Bond Street, Box Number 15138, Worcester, MA 01615-0138 (US). (72) Inventors: YANG, Wenliang, Patrick; 8 Birch Hill Road, Ballston Lake, NY 12019 (US). WEI, Paul; 122 Taber Court, Latham, NY 12110 (US). SWEI, Gwo, Shin; 8430 Avonside Court, East Amherst, NY 14051 (US). GAETA, Anthony, C.; 3789 Ridge Road, Lockport, NY 14094 (US). (74) Agents: DAVIS, Anthony, G., M.; Davis and Bujold, 4th floor, 500 North Commercial Street, Manchester, NH 03101 (US) et al.		(81) Designated States: AU, BR, CA, CN, CZ, HU, ID, IN, JP, KR, MX, NO, NZ, PL, RU, ZA, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: ACYLPHOSPHINE OXIDE PHOTOCURE COATED ABRASIVE DEPTH RATIO % PIGMENT % PHOTO INITIATOR 819 DEPTH OF CURE COMPARED TO 651 (57) Abstract Abrasive tools, such as coated abrasives, made using radiation curable resin binders can be given a greater depth of cure of the binder if they include bis(2,4,6-trimethylbenzoyl) phenylphosphine oxide photoinitiator.		

