

10/12/03

200 307 4275

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
3 January 2003 (03.01.2003)

PCT

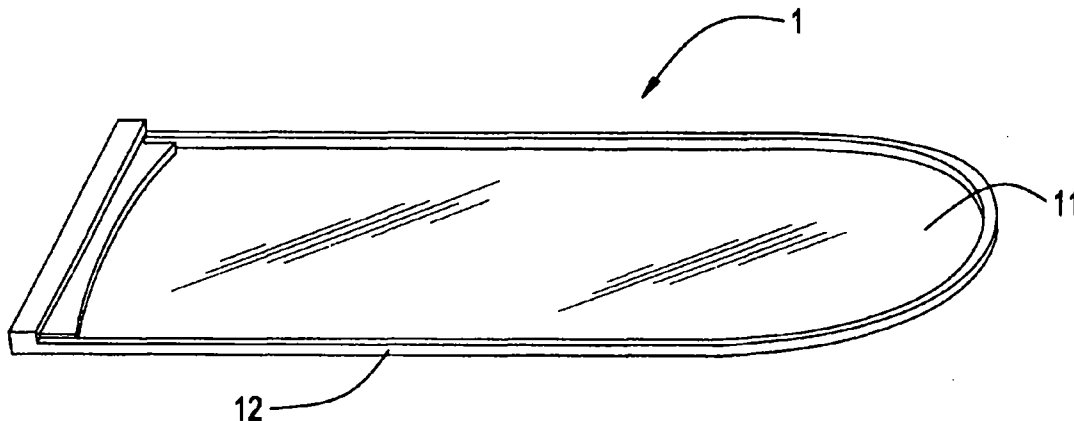
(10) International Publication Number
WO 03/001776 A1

- (51) International Patent Classification⁷: H04M 1/18, H05K 5/06, G06F 1/16
- (21) International Application Number: PCT/US02/17728
- (22) International Filing Date: 4 June 2002 (04.06.2002)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/300,280 22 June 2001 (22.06.2001) US
- (71) Applicant: DOW GLOBAL TECHNOLOGIES INC. [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).
- (72) Inventors: HUS, Michael, E.; 5114 Natalie Court, Midland, MI 48640 (US). CLEEREMAN, Robert, J.; 5908 Wimbledon Court, Midland, MI 48642 (US). WENZEL, Jeffrey, D.; 500 North Miller Road, Saginaw, MI 48609 (US). LANGMAID, Joseph, A.; 1726 Gun Club, Caro, MI 48723 (US). PETERSON, Curtis, E.; 2000 Candlestick Lane, Midland, MI 48642 (US). HOAGLAND, Mary, M.; 1806 Brookfield Drive, Midland, MI 48642 (US). FLAVIN, Frank, J.; 1808 Candlestick Lane, Midland, MI 48642 (US).
- (74) Agent: CHRISTY, Robert, M.; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (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, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- 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.



162162

(54) Title: PROTECTIVE SEALABLE TRANSPARENT FLEXIBLE MEMBRANE FOR ELECTRONIC TOUCH SCREENS



(57) Abstract: A protective sealable transparent membrane (1) comprised of a film (11) and a frame (12) which is suspended above a touch screen of a personal electronic device (43) encased in a protective enclosure (1). The protective sealable transparent membrane (1) allows activation of the touch screen, scratch resistance and a water and dust tight seal.

WO 03/001776 A1



ACTION