



(51) International Patent Classification:
B07B 1/46 (2006.01)

(21) International Application Number:
PCT/IN2010/000611

(22) International Filing Date:
13 September 2010 (13.09.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
31/KOL/2010 14 January 2010 (14.01.2010) IN

(71) Applicant (for all designated States except US): **TEGA INDUSTRIES LIMITED** [IN/IN]; 147, Block-G, New Alipore, Kolkata - 700 053, West Bengal (IN).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **MOHANKA, Madan Mohan** [IN/IN]; 147, Block-G, New Alipore, Kolkata 700 053, West Bengal (IN).

(74) Agent: **S.S. DATTA**; S.S. Datta & Associates, 288/1, B. B. Chatterjee Road, Ground Floor, Kolkata - 700 042, West Bengal (IN).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

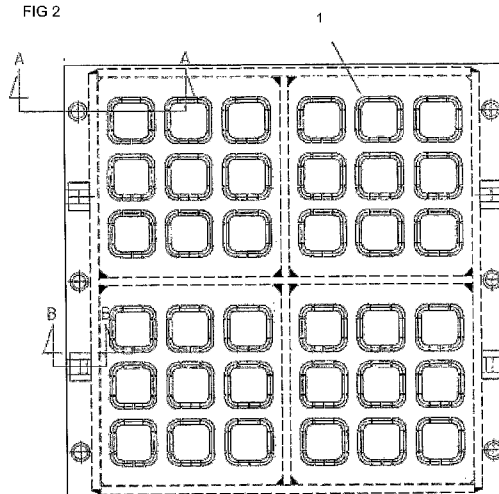
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: SCREEN PANEL WITH WEAR PROTECTIVE APERTURES

FIG 2



(57) Abstract: A screen panel with wear protective apertures for mining and quarrying industries adapted to be mounted on a screen deck, including a screening surface made up of materials such as herein described formed on a reinforcing frame, said screening surface having suitably designed apertures of desired shape for allowing materials of desired size to pass through, said apertures having walls made of abrasion resistant material such as herein described said walls having plurality of slits(1) cut along the vertical as well as horizontal line in the top and bottom portion of the apertural walls, whereby utmost flexibility of the apertures is ensured simultaneously ensuring wear protection.