
Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published: — with international search report

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Title: POWDER COATING PRODUCT CONVEYING COMPONENTS AND RELATED METHODS

Abstract: A component subjected to wear during use includes a powder coating formed of a polymer selected from the group consisting of a polyamide, polyolefin, polyester, urethane, epoxy, acrylic, and mixtures thereof to provide improved wear resistance, enhanced cleanability, and reduced surface friction. Preferably, the component is for use in conveying product, such as in a conveyor system, and includes: (1) a metal core and a nylon powder coating; or (2) a stainless steel core and a powder coating. Most preferably, the coating is generally clear or translucent so as to give the appearance that the underlying component, which is typically made of metal, is neither coated nor made entirely of a polymer.
# INTERNATIONAL SEARCH REPORT

## A \hspace{1cm} CLASSIFICATION OF SUBJECT MATTER

**IPC** B65G 17/06 (2006 01)

**USPC** 198/844 2,850,851,852

According to International Patent Classification (IPC) or to both national classification and IPC.

## B \hspace{1cm} FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**U S** 198/844 2,850,851,852

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C \hspace{1cm} DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No</th>
</tr>
</thead>
<tbody>
<tr>
<td>x</td>
<td>US 5,562,200 (Darling) 8 October 1996 (08 10 1996) Figure 1, column 4 lines 15-20</td>
<td>1-10,17-26</td>
</tr>
<tr>
<td>y</td>
<td></td>
<td>11-19</td>
</tr>
<tr>
<td>Y</td>
<td>US 6,039,964 (Sanduja et al) 21 March 2000 (21 03 2000) Abstract</td>
<td>15,16</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C

See patent family annex

### Date of the actual completion of the international search
21 May 2008 (21 05 2008)

### Date of mailing of the international search report
30 JUL 2008

**Name and mailing address of the ISA/US**

Mail Stop PCT, Attn: ISA/US Commissioner for Patents

P O Box 1450

Alexandria, Virginia 22313-1450

Facsimile No (571) 273-3201

Authorized officer

Gene Crawford

Telephone No (571) 272-3600