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(71) Applicant (for all designated States except US): **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 COLUMBIA ROAD, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BHATNAGAR, Ashok** [US/US]; 7843 Lake Forest Street, Richmond, VA 23235 (US). **WAGNER, Lori, L.** [US/US]; 7934 Fortress Place, Richmond, VA 23231 (US). **ARVIDSON, Brian, D.** [US/US]; 4101 Old Cheshire Drive, Chester, VA 23831 (US). **SWINGER, Timothy** [US/US]; 9119 Hoke Brady Road, Midlothian, VA 23231 (US).

(74) Agents: **HOIRIIS, David** et al.; HONEYWELL INTERNATIONAL INC., 101 COLUMBIA ROAD, P.O. Box 2245, Morristown, NJ 07960 (US).

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(54) Title: REINFORCED PLASTIC PIPE

(57) Abstract: Plastic pipes, such as high density polyethylene plastic pipes, useful for distributing natural gas and which have improved impact resistance and burst strength. The plastic pipe has an inner and an outer surface, with the inner surface defining a channel for conveying natural gas and the like. A fabric overlies the outer surface, preferably in a helical wrap. The fabric is formed of high tenacity polyolefin fibers, preferably polyethylene and/or polypropylene fibers. The fabric provides the pipe with improved burst strength and impact resistance. The pipe can be used to transport natural gas under low pressure or higher pressures.



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# INTERNATIONAL SEARCH REPORT

International application No  
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## A. CLASSIFICATION OF SUBJECT MATTER

INV. B32B1/08 B32B27/12 F16L11/10

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

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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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 practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages                    | Relevant to claim No. |
|-----------|-------------------------------------------------------------------------------------------------------|-----------------------|
| X         | US 5 765 600 A (NEWAZ GOLAM M [US] ET AL)<br>16 June 1998 (1998-06-16)<br>the whole document<br>----- | 1-41                  |

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☒ See patent family annex.

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Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Lichau, Holger

### Information on patent family members

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NONE