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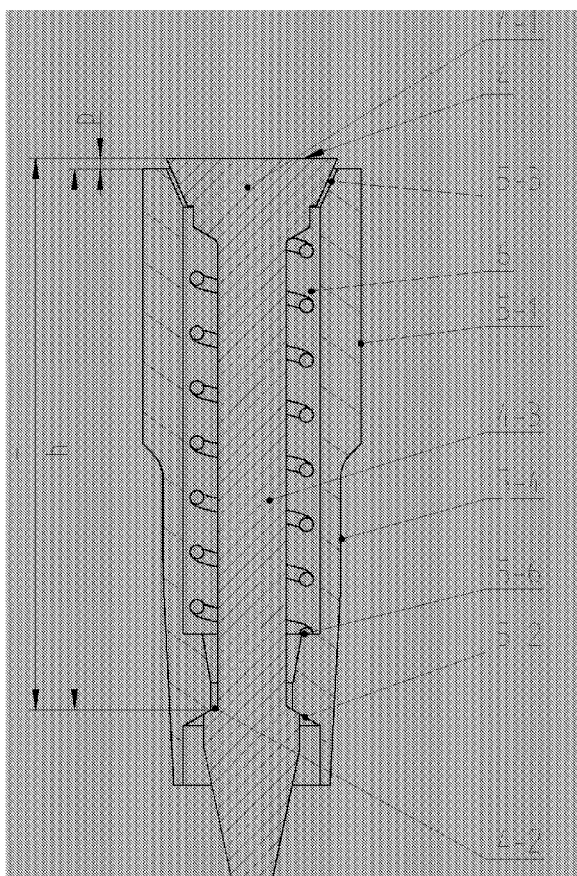
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— of inventorship (Rule 4.17(iv))

[Continued on next page]

(54) Title: VENTING VALVE TO BE USED IN VENTING BORES OF VULCANIZATION MOULDS



(57) Abstract: Vent valve for venting bores of vulcanization moulds, especially for the tread profile area, consisting of a valve sleeve (5), in which a valve insert (4) and a wound spring (6) are movably located, wherein the valve insert (4) consists of a valve shank (4-3), which is at one end equipped with a disk (4-1) and at the other end with a conical surface (4-2) changing into backwards oriented conical end, and the movement of the valve insert (4) is controlled by a delimiter of opening the valve. Inner surface of the valve sleeve (5) is in its part (5-4) located further away from disk (4-1) provided with conical surface (5-2), oriented away from the disk (4-1), and the delimiter of opening the valve is formed by two mutually cooperating conical surfaces (4-2, 5-2) or parts of conical surfaces (4-2, 5-2), wherein the conical surface (4-2) formed at the end of the valve shank (4-3) of the valve insert (4) is oriented against the conical surface (5-2) or part of conical surface (5-2) of the valve sleeve (5).



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A. CLASSIFICATION OF SUBJECT MATTER

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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)

B29C B29D F16K

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, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 380 397 A (HANKOOK TIRE CO LTD [KR]) 14 January 2004 (2004-01-14) paragraphs [0001], [0004] - [0014], [0017] - [0021], [0027] - [0031]; claims 1-4; figures 1-5	1-7
Y	GB 922 788 A (DUNLOP RUBBER CO) 3 April 1963 (1963-04-03) sentences 20-41 page 1, line 53 - page 2, line 13; claim 1; figure 2	1-7

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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G document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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			DE 60312930 T2	13-12-2007
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