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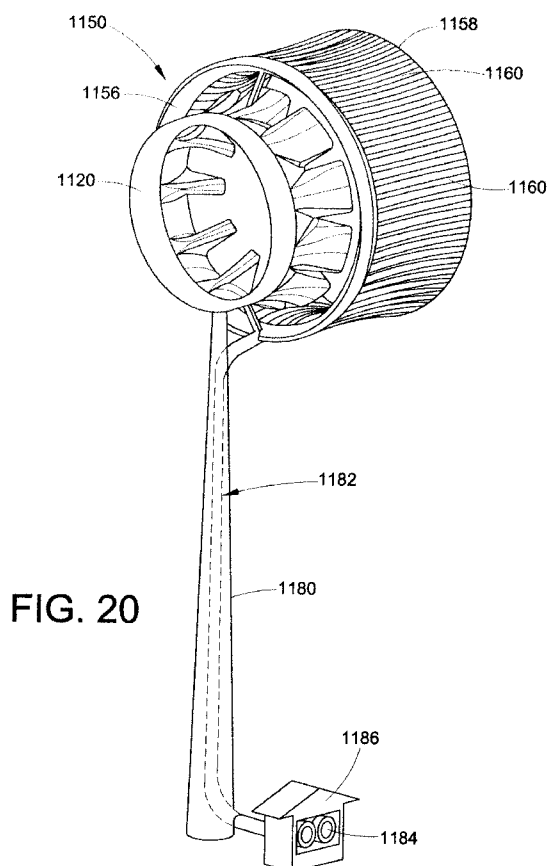
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[Continued on next page]

(54) Title: INFLATABLE WIND TURBINE



(57) Abstract: A wind turbine has an impeller surrounded by a shroud. The shroud is formed from inflatable components extending between two rigid structural members. When inflated, the shroud acts to increase the energy generated by the impeller. Under adverse wind conditions, the inflatable components can be deflated to reduce surface area and wind load on the turbine.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. F03D1/04
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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)
F03D

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,P	WO 2010/028342 A2 (FLODESIGN WIND TURBINE CORP [US]; WERLE MICHAEL J [US]; KEELY SCOTT [U] 11 March 2010 (2010-03-11) paragraphs [0007] - [0013], [0063] - [0067]; claims 1-22; figures 1-7C	1,3-14, 16-20
L	-----	1,3-14, 16-20
X	EP 0 045 202 A1 (GILCHRIST TIMOTHY M) 3 February 1982 (1982-02-03) page 6, line 9 - page 8, line 5; figures 1,4,5	1,3, 5-10,12, 13,16-20
X	----- US 5 669 758 A (WILLIAMSON LARRY D [US]) 23 September 1997 (1997-09-23) column 4, lines 2-38; figures 1,2	1,3,7



Further documents are listed in the continuation of Box C.



See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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