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## EUROPEAN PATENT APPLICATION

21 Application number: **84850375.1**

51 Int. Cl.<sup>4</sup>: **B 01 F 15/00, C 02 F 3/12,**  
**B 01 F 3/04, B 01 F 7/22**

22 Date of filing: **04.12.84**

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**Bulletin 85/28**

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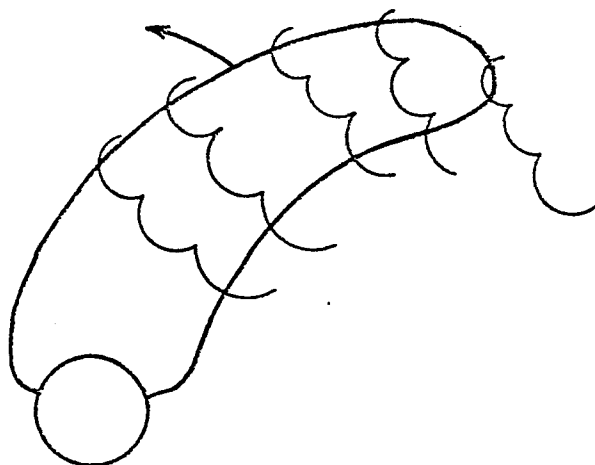
84 Designated Contracting States: **AT BE DE FR GB IT NL**  
**SE**

88 Date of deferred publication of search  
report: **06.05.87 Bulletin 87/19**

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54 **Impeller for aeration of water tanks.**

57 The invention concerns an impeller for mixing purposes. The impeller has a leading edge angle to the circumference which decreases from the hub and towards the tip, the tip vortices then diminish and a more congruent division of the vortices over the entire impeller blade is obtained.



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# **DECLARATION**

which under Rule 45 of the European Patent Convention shall be considered, for the purpose of subsequent proceedings, as the European search report

0148140  
Application number  
EP 84 85 0375

The Search Division considers that the present European patent application does not comply with the provisions of the European Patent Convention to such an extent that it is not possible to carry out a meaningful search into the state of the art on the basis of all claims.

Reason:

Neither the claims, nore the text and the figures accompanying the claims, explain clearly what an "elliptical area division" is and which impeller blade area is ment to have an "elliptical division".

The shape of the impeller, as described in claim 1, being therefor obscure, a search has not been possible.

(As the shape of the impeller is not clearly defined, also claim 3 is incomprehensible.)

## **CLASSIFICATION OF THE APPLICATION (Int. Cl.4)**

B 01 F 15/00

C 02 F 3/12

B 01 F 3/04

B 01 F 7/22

Place of search

The Hague

Date of completion of the search

27-01-1987

Examiner

MAJERUS

