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71 Applicant: **TOA NENRYO KOGYO KABUSHIKI KAISHA**
1-1 Hitotsubashi, 1-Chome Chiyoda-Ku
Tokyo 100 (JP)

72 Inventor: **Nakamura, Hiromi**
21-9 Matsuba-cho
Tokorozawa-shi Saitama-ken (JP)

Hashimoto, Masaaki
10-5, Kawatsuru 1-chome
Kawagoe-shi Saitama-ken (JP)

Hosogai, Daijiro
362-5 Oaza Mihoyajuku Kawashima-cho
Hiki-gun Saitama-ken (JP)

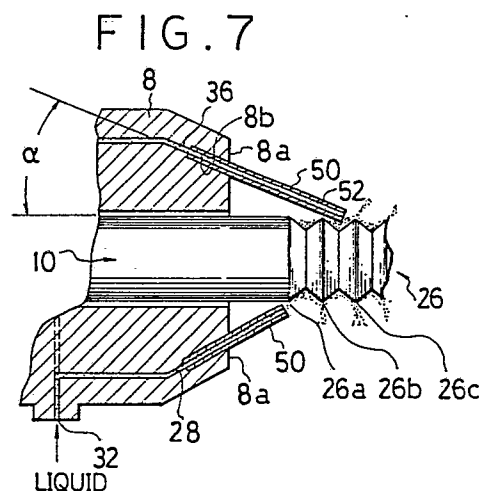
Kokubo, Kakuro
3-13-8, Moridai
Atsugi-shi Kanagawa-ken (JP)

Nakayama, Kouji
4-3-324, Nishitsurugaoka 1-chome Oi-machi
Iruma-gun Saitama-ken (JP)

74 Representative: **Slight, Geoffrey Charles et al**
Graham Watt & Co. Riverhead
Sevenoaks Kent TN13 2BN (GB)

54 **Ultrasonic atomizing apparatus.**

57 Liquid fuel is supplied directly to different edged portions (26a) and (26c) of a liquid atomizing section (26) of a vibrating element (10) subject to ultrasonic vibrations by means of guide tubes (50). The fuel may alternatively be jetted onto these edged portions. By supplying liquid to separate locations on the vibrating element performance is improved irrespective of the flow rate of the liquid supply.





European Patent
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EUROPEAN SEARCH REPORT

Application Number

EP 87 30 2605

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
X	US-A-3 756 575 (COTTELL) * Column 14, lines 30-40; figure 11 * ---	1,2	B 05 B 17/06 F 02 M 69/04 F 23 D 11/34
X	GB-A-2 073 616 (BATTELLE-INSTITUT) * Page 3, lines 99-122; figure 10 * -----	1,2,4, 10,11	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			B 05 B F 02 M F 23 D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22-06-1988	Examiner JUGUET J.M.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			