

Title (en)
ULTRASOUND APPLICATOR

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Application
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Priority
DE 3109040 A 19810310

Abstract (en)
[origin: US4483343A] In an exemplary embodiment an ultrasonic head comprises at least one transducer element which, possibly via a liquid precursory path, transmits ultrasonic signals and receives echo signals. It is the object of the disclosure to design the applicator such that it is simply and rapidly adjustable to variable depth scanning. In accordance with the disclosure this object is achieved in that the liquid precursory path has the form of a sack, containing the liquid, which sack is capable of being coupled with the transducer element or elements on the ultrasonic head in the manner of a spacer by a readily detachable mounting arrangement.

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G10K 11/02

IPC 8 full level
A61B 8/00 (2006.01); **G10K 11/02** (2006.01)

CPC (source: EP US)
G10K 11/02 (2013.01 - EP US)

Citation (examination)
• US 4203033 A 19800513 - JACOBSON ARNOLD F [US]
• US 4189645 A 19800219 - CHANEY EDWARD L [US], et al
• US 42030033 B

Cited by
US5265614A; EP0120410A3; US4688578A; WO9001902A1; WO2007073214A1

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EP 81108433 A 19811016; AT 81108433 T 19811016; DE 3109040 A 19810310; DE 3168666 T 19811016; JP 3715782 A 19820309; US 34945382 A 19820217