

Title (en)
Fluid pump

Title (de)
Flüssigkeitspumpe

Title (fr)
Pompe à liquide

Publication
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Application
EP 01127080 A 20011114

Priority
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Abstract (en)
[origin: EP1217210A2] It is an object of the present invention to provide a fluid suction and discharge device capable of continuously discharging fluid with a predetermined flow rate and pressure continuously sucking the fluid without substantially giving rise to pulsation. <??>The invention comprises an inner tube (1) rotatably fitted in a fitting hole of the device body, a cylinder (5) slidably fitted into the inner tube (1), and a plurality of through-holes formed in the inner tube (1), wherein when the cylinder (5) is reciprocated in association with rotation of the inner tube (1), and when one of the through-holes of the inner tube (1) is communicated with a suction hole of the device body, the other through-hole of the inner tube is communicated with a discharge hole of the device body, and when fluid is sucked from a communication suction hole thus communicated, fluid is discharged from the discharge hole thus communicated. <IMAGE>

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F04B 7/00; **F04B 7/06**

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F04B 7/0007 (2013.01 - EP); **F04B 7/008** (2013.01 - EP); **F04B 35/00** (2013.01 - KR)

Citation (search report)
• [X] DE 348247 C 19220204 - HANS KEITEL DIPL ING
• [A] GB 1256583 A 19711208
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• [A] US 2516388 A 19500725 - HUMPHREYS HANNA R

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