

Title (en)
High pressure liquid pump

Title (de)
Flüssigkeitshochdruckpumpe

Title (fr)
Pompe à haute pression pour tous liquides

Publication
EP 1048849 B1 20050316 (FR)

Application
EP 00202790 A 19970530

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• EP 97926060 A 19970530
• FR 9607043 A 19960607
• FR 9613502 A 19961106

Abstract (en)
[origin: WO9747883A1] The invention features a device that enables the pumping of any kind of liquid while giving it a very high delivery pressure. The units (24, 44) that cause pumped liquid suction and then its delivery are driven exclusively by hydraulic means excluding mechanical means. So that there is no material contact between the said driving units and the pumped product and that the said product cannot damage the said mechanical driving units, the chamber receiving the hydraulic fluid is, at the end of each compression cycle, placed again in direct communication with the hydraulic fluid reservoir.

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IPC 8 full level
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CPC (source: EP US)
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Cited by
FR2883932A1; WO2006106198A1

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DE ES FR GB IT PT SE

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WO 9747883 A1 19971218; DE 69732802 D1 20050421; DE 69732802 T2 20060406; EP 0901575 A1 19990317; EP 0901575 B1 20110601; EP 1048849 A1 20001102; EP 1048849 B1 20050316; ES 2238968 T3 20050916; JP 2000511989 A 20000912; JP 3990732 B2 20071017; PT 1048849 E 20050531; US 6264437 B1 20010724

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