

Title (en)
Integrated turbine and pump assembly.

Title (de)
Integrierte Turbinenpumpenanordnung.

Title (fr)
Turbopompe intégrée.

Publication
EP 0530573 A1 19930310 (EN)

Application
EP 92113970 A 19920817

Priority
US 74909091 A 19910823

Abstract (en)
A turbopump assembly (40) comprises first pump section housing (42), a second pump section housing (70), and a common rotatable shaft (51) positioned within said housings which further define first (43) and second pump (71) sections. The housings and rotatable shaft also define internal manifolds (94,86) selectively positioned in the first pump section and second pump section whereby said first pump section, second pump, and internal manifolds form an integrated turbine and dual pump configuration. <IMAGE>

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F04D 13/04; **F04D 13/14**; **F04D 25/04**

IPC 8 full level
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F04D 1/00 (2013.01 - KR); **F04D 1/06** (2013.01 - EP); **F04D 13/04** (2013.01 - EP); **F04D 13/14** (2013.01 - EP); **F04D 25/04** (2013.01 - EP)

Citation (search report)
• [A] US 2083167 A 19370608 - ANDRE LAMERE
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CN100398785C; US11702937B2; WO2017127629A1

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EP 0530573 A1 19930310; **EP 0530573 B1 19971210**; CA 2072242 A1 19930224; DE 69223467 D1 19980122; DE 69223467 T2 19980402; JP 3370107 B2 20030127; JP H062697 A 19940111; KR 930004639 A 19930322; NO 923295 D0 19920821; NO 923295 L 19930224

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