Title (en)
   HYDRAULIC GAS COMPRESSOR

Title (de)
   HYDRAULISCHER GASVERDICHTER

Title (fr)
   COMPRESSEUR A GAZ HYDRAULIQUE

Publication
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Application
   EP 94924224 A 19940702

Priority
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Abstract (en)
   [origin: US5782612A] PCT No. PCT/EP94/02174 Sec. 371 Date Nov. 27, 1995 Sec. 102(e) Date Nov. 27, 1995 PCT Filed Jul. 2, 1994 PCT Pub.
   No. WO95/06204 PCT Pub. Date Mar. 2, 1995A gas compressor includes a housing, a separating element in the housing, and a piston guided for
   movement along the separating element by a drive mechanism between two dead center positions. Gas is compressed in a three-stage compression
   cycle by the piston in three separate gas chambers arranged in series in the housing. Pressure increases in the gas are easily feasible from very low
   to very high pressures, for instance from 5 to 400 bar, based on a relatively small installation. The gas compressor includes only a few wear parts for
   low manufacturing and maintenance costs and for fail-safe operation.

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