

Title (en)
ROOTS PUMP

Title (de)
WÄLZKOLBENPUMPE

Title (fr)
POMPE ROOTS

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Application
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Abstract (en)
[origin: WO2013023954A2] A Roots pump has a plurality of multiple-tooth rotary piston pairs (10, 48, 49) which form in each case one pump stage (50, 52, 54, 56, 58, 60). Adjacent pump stages (50, 52, 54, 56, 58, 60) are connected to one another via connecting ducts (30, 34, 77, 84, 86, 88, 90). In order to reduce the production costs, it is provided according to the invention to arrange the connecting ducts (30, 34, 77, 84, 86, 88, 90) in intermediate walls (74, 76, 78, 80, 82) which separate adjacent pump stages (50, 52, 54, 56, 58, 60) from one another.

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