Title (en)
   FEED PUMP

Title (de)
   FÖRDERPUMPE

Title (fr)
   POMPE DE CIRCULATION

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Application
   EP 07786069 A 20070714

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Abstract (en)
   [origin: WO2008022672A1] The invention relates to a feed pump for hydraulic media, having an inlet (12) and an outlet (16), wherein a feed
   pressure is applied at the outlet, comprising a pressure reducing element (20) connected to the outlet, the pressure reducing element having a
   system pressure applied at the outlet (24) thereof and being connected to a consumer (26), wherein the outlet is connected to a first inlet (28)
   of a pump regulator (30), the second inlet (32) thereof being connected to the outlet of the pressure reducing element, and the pump regulator
   positioning the feed pump (10) in the direction of maximum feed if the system pressure (?2) is lower than a minimum pressure (46), or if the system
   pressure is lower than the feed pressure, and wherein a pressure limiter (34) is connected in parallel to the pump regulator such that at the first inlet
   (36) thereof the feed pressure is applied, and that at the control inlet (40) the system pressure is applied, wherein the pressure limiter opens if the
   feed pressure is greater than a target value (42).

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