

Title (en)
FIRE PUMP

Publication
EP 0040594 B1 19840314 (DE)

Application
EP 81890080 A 19810519

Priority
AT 267580 A 19800520

Abstract (en)
[origin: EP0040594A2] 1. A fire-fighting pump (1) comprising a priming pump (2), a common drive motor (4) which comprises a speed-adjusting device (11) and is associated with both pumps (1, 2) and an automatic controller (5) for starting and stopping the priming pump (2), wherein a final control element (12) is associated with the speed-adjusting device (11) and the priming controller (5) actuates the final controller (5) actuates the final control element (12) for effecting a speed change of the drive motor (4) when a condition occurs which requires the operation of the priming pump (2), e.g., when the discharge pressure of the pump decreases under a predetermined limit, characterized in that the priming controller (5) causes the final control element (12) to operate until the speed-adjusting device (11) has been adjusted to a medium speed of the drive motor (4) before the priming controller (5) delivers the control pulses for starting the priming pump (2), e.g., for coupling the priming pump (2) with the drive motor (4) or for the opening of the venting line (9).

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