

Title (en)
PUMPING DEVICE

Title (de)
PUMPENVORRICHTUNG

Title (fr)
DISPOSITIF DE POMPE

Publication
EP 2329147 B1 20191218 (DE)

Application
EP 09777900 A 20090814

Priority

- EP 2009005928 W 20090814
- EP 08014528 A 20080814
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Abstract (en)
[origin: EP2154371A1] The device has a pulsator as a driving element for a main pump head (11) that lies in a conveyor line (15). The head has an operating area (18) with a check valve on a suction side (16) and a pressure control valve (17) on a pressurized side. An operating area (20) of the pulsator stays in direct connection with the operating area of the head over a recovery pipe (12), so that the pulsator intakes oscillating pumping medium (21) from the conveyor line into the head operating area. The operating area of the pulsator is connected with a suction side of the conveyor line via a venting valve.

IPC 8 full level
F04B 43/067 (2006.01); **F04B 43/06** (2006.01); **F04B 53/06** (2006.01); **F04B 53/08** (2006.01)

CPC (source: EP US)
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