

Title (en)

DEVICE FOR PNEUMATICALLY DISPENSING CONCRETE HYDROMECHANICALLY TRANSPORTED IN A DENSE FLOW

Publication

EP 0364823 B1 19920729 (DE)

Application

EP 89118477 A 19891005

Priority

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- DE 3927332 A 19890818

Abstract (en)

[origin: EP0364823A1] In a device for pneumatically dispensing concrete hydromechanically transported in a dense flow, in which, for the hydromechanical transportation, a concrete pump with a hydraulic drive comprising at least two cylinders with opposed pistons is used, said pistons being synchronised by a displacer circuit carrying the working medium displaced by a piston, and has a metering device for an additive serving as accelerating agent, the drive of which is connected into the hydraulic circuit of the concrete pump drive, it is envisaged according to the invention that the drive (34-37) of the metering device (43-47; 60-70) is connected into the displacer circuit (31) and is designed as a reciprocating piston drive (34), the capacity of which corresponds to the displacement volume of the working pistons (27, 28) and, in both directions, is added to the displacement volume of each working piston (27, 28). <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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