

Title (en)  
COMPRESSED AIR FOAM SYSTEM PROVIDED WITH AN IMPROVED MIXING SYSTEM

Title (de)  
DRUCKLUFTSCHAUMSYSTEM MIT VERBESSERTEM MISCHSYSTEM

Title (fr)  
SYSTÈME DE MOUSSE D'AIR COMPRIMÉ POURVU D'UN SYSTÈME DE MÉLANGE AMÉLIORÉ

Publication  
**EP 4326405 A1 20240228 (EN)**

Application  
**EP 22719365 A 20220421**

Priority  
• IT 202100010364 A 20210423  
• IB 2022053718 W 20220421

Abstract (en)  
[origin: WO2022224178A1] Compressed air foam system, CAFS, (1) comprising a source (2) of water, an air management system (3) for providing a compressed air flow, a solution dosing module (4) for providing an additive solution and a mixing chamber module (5) configured to provide an air-solution mixture to an output device (6), the mixing module (5) comprising an outlet conduit (8) fluidly connected to said output device (6) and an inlet conduit (7) fluidly connected to said source (2), the mixing module (5) comprising a plurality of by-pass conduits (9a, 9b, 9c, 9d, 9e) between the inlet conduit (7) and the outlet conduit (8) the by-pass conduits (9a, 9b, 9c, 9d, 9e) having a hydraulic diameter one different with respect to the other and possible valves (10) with related different pressure openings.

IPC 8 full level  
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