

Title (en)
SPRAYING SYSTEM FOR DELIVERING CLEANING FOAM

Title (de)
SPRÜHSYSTEM FÜR REINIGUNGSSCHAUM

Title (fr)
SYSTÈME DE PULVÉRISATION POUR FOURNIR DE LA MOUSSE DE NETTOYAGE

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Application
EP 21713160 A 20210310

Priority
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Abstract (en)
[origin: WO2021182954A1] Spraying system (100) and method for delivering cleaning foam (F) onto a target surface (T). A nozzle (11) is configured to expel a cleaning liquid (M) as a droplet spray (S) from an exit aperture (11a). The droplet spray (S) propagates in diverging directions (Ax, Ay) around a central axis (Zc) to form a predetermined spray pattern (P) on the target surface (T) determining a main spraying direction (Z) in front of the spraying system (100). A spray housing (12) forms a diverging shell around the nozzle (11). The shell widens along the main spraying direction (Z) to accommodate the diverging directions (Ax, Ay) of the droplet spray (S). The spray housing (12) comprises an air intake (12a) configured to pass an air stream (L) through the shell into the spray housing (12) for interacting with the droplet spray (S) to form the cleaning foam (F).

IPC 8 full level
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