

Title (en)

AUTOMATED WILDFIRE PREVENTION AND PROTECTION SYSTEM FOR DWELLINGS, BUILDINGS, STRUCTURES AND PROPERTY

Title (de)

AUTOMATISCHES WALDBRANDVERHÜTUNGS- UND SCHUTZSYSTEM FÜR SIEDLUNGEN, GEBÄUDE, STRUKTUREN UND GRUNDSTÜCKE

Title (fr)

SYSTÈME AUTOMATISÉ DE PRÉVENTION ET DE PROTECTION EN CAS DE FEU INCONTRÔLÉ POUR HABITATIONS, BÂTIMENTS, STRUCTURES ET PROPRIÉTÉS

Publication

EP 3930858 A1 20220105 (EN)

Application

EP 20763708 A 20200219

Priority

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- US 2020018861 W 20200219

Abstract (en)

[origin: WO2020176309A1] A fire retardant delivery system for use with a source of carrier for protection from wildfire is provided. The system includes a retardant tank for storing a fire retardant. The retardant tank is in fluid communication with the source of carrier. A metering valve is constructed and arranged to meter a flow of fire retardant injected into the carrier discharged from the source of carrier to maintain a predetermined proportion of fire retardant to carrier, thereby creating a fire retardant and carrier mixture. At least one distribution nozzle is configured to deliver the fire retardant and carrier mixture to a desired area.

IPC 8 full level

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CPC (source: CN EP)

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