

Title (en)
SYSTEMS AND METHODS FOR DISPENSING ONE OR MORE LIQUIDS FROM A PORTABLE SELF-CONTAINED APPARATUS ("INDUSTRIAL FLAIR")

Title (de)
SYSTEME UND VERFAHREN ZUR AUSGABE EINER ODER MEHRERER FLÜSSIGKEITEN AUS EINER TRAGBAREN AUTONOMEN VORRICHTUNG (»INDUSTRIELLER FLAIR-BEHÄLTER)

Title (fr)
SYSTÈMES ET PROCÉDÉS DE DISTRIBUTION D'UN OU DE PLUSIEURS LIQUIDES DEPUIS UN APPAREIL PORTATIF INDÉPENDANT (« FLAIR INDUSTRIEL »)

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Application
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Abstract (en)
[origin: WO2013049260A2] Systems and methods to dispense various liquids, foams and sprays, of various viscosities, such as, for example, paints and stains, from a self-contained wearable apparatus are presented. These devices use the "bag within a bag" or inner container/outer container Flair® technology. A device can be provided that is portable and self-contained, can be worn by a user, and can utilize pre-filled containers of the product to be dispensed, thus obviating use of a separate paint container to which a user is effectively tethered. Novel activation mechanisms allow the system to intelligently sense when a user desires actuate/deactuate the device. These mechanisms incorporate fail-safe sensors that lock out the on/off switch if a user's hand is not sensed as actually holding the paint brush. Various Flair® bottles can be used, with various nozzles, brushes, rollers and other dispensing devices. Novel performs for the manufacture and blowing of multi-layer Flair® bottles are also presented, as well as details of multi-layer Flair® systems and their assembly.

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