

Title (en)
DISPENSER FOR SOLID BLOCK DETERGENT COMPOSITIONS

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Application
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Priority
US 96662078 A 19781205

Abstract (en)
[origin: WO8001160A1] To date, commercial and industrial washing applications have required substantially continuous detergent addition, which has resulted in problems of maintaining consistency in the composition and strength of the added detergent as well as in cost and safety problems. These problems are solved by providing a detergent dispenser (20) for efficiently converting one or more solid block detergent compositions into concentrated detergent solutions as disclosed. A housing (21) defines a substantially enclosed inner cavity (30), and access and discharge ports (32) and (34) respectively. Retaining means (40) holds a charge of solid block detergent composition (100-103), in fixed position, exposing at least one broad surface (100a) of the detergent block. Nozzle means (61) directs a pressurized liquid spray against substantially the entire exposed detergent surface(s), dissolving a portion thereof, which is collected by the housing (30b) and passed through the discharge port. The retaining means may be a removable cartridge receptacle member which may include an overlying screen member (50) and may be configured to define a plurality of different receptacles (46, 47). Closure means (44) and safety switching means (70, 72) cooperably prevent hazardous spray from leaving the inner cavity.

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Citation (examination)
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