

Title (en)  
Laundry washing machine of the top-loading type.

Title (de)  
Von oben beschickbare Waschmaschine.

Title (fr)  
Machine à laver du type à chargement par le haut.

Publication  
**EP 0213385 A1 19870311 (EN)**

Application  
**EP 86110320 A 19860725**

Priority  
IT 4573085 A 19850729

Abstract (en)  
A laundry washing machine of the top-loading type comprising a drum mounted for rotation in a tub provided with a loading opening 12 connected to the working table top of the machine by a bellows-type sealing sleeve 18, and further comprising water supply means 21 disposed in a chamber 20 of the working table top, and a detergent and additives distributor 14 located below a cover plate 13 of the machine. The water supply means comprises a pivotable nozzle 21 for selectively directing water into respective compartments 15 of the detergent distributor 14 through connecting passages (30) of a configuration resulting in the production of a venturi effect.

IPC 1-7  
**D06F 39/02**; **D06F 39/08**

IPC 8 full level  
**D06F 39/02** (2006.01); **D06F 39/08** (2006.01)

CPC (source: EP US)  
**D06F 39/028** (2013.01 - EP US); **D06F 39/088** (2013.01 - EP US)

Citation (search report)  
• [AD] EP 0083532 A1 19830713 - ESSWEIN SA [FR]  
• [A] FR 2503744 A1 19821015 - ESSWEIN SA [FR]  
• [A] DE 2134689 A1 19730125 - LICENTIA GMBH  
• [A] DE 2115341 A1 19721012 - LICENTIA GMBH

Cited by  
FR2759714A1; CN106319874A; EP2218815A1; DE19607098A1; DE19607098C2; EP0959171A1; FR2708006A1; CN109554893A; WO2020168918A1; US10829884B2; US11591742B2

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