

Title (en)
Filling level monitoring device.

Title (de)
Füllstandsüberwachungseinrichtung.

Title (fr)
Dispositif de surveillance du niveau de remplissage.

Publication
EP 0392196 B1 19940202 (DE)

Application
EP 90104657 A 19900312

Priority
DE 3911862 A 19890411

Abstract (en)
[origin: EP0392196A1] In a filling-level monitoring device for a supply and dispensing unit for washing or rinsing agents, the container filling levels (TF) at which a signalling device responds in order to indicate the need for replenishing a washing or rinsing agent each correspond to a residual filling quantity (RFM) in each container (BV,BF,BW,BB) which is sufficient for at most five doses of the same agent, each of at most 120 ml. This gives a request for replenishment some degree of urgency, and therefore the attendant will fill up the particular container as soon as possible while inconvenience will be avoided.

IPC 1-7
D06F 39/02; **A47L 15/44**

IPC 8 full level
A47L 15/44 (2006.01); **D06F 39/02** (2006.01)

CPC (source: EP US)
A47L 15/4418 (2013.01 - EP US); **D06F 39/022** (2013.01 - EP US)

Cited by
WO2005058126A1; EP2143366A1; EA023253B1; US5975352A; US6143257A; US5417233A; WO2008034691A1; WO2007004162A1; WO2010000245A1; WO0196645A3; US8241433B2; US7789967B2; US8613805B2; US9510727B2; WO9427489A1; WO2010080485A3; WO2011147798A1; EP2299892B1; EP2066219B1; EP2073682B1; EP2073682B2

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AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
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EP 90104657 A 19900312; AT 90104657 T 19900312; DD 33962690 A 19900410; DE 3911862 A 19890411; DE 59004461 T 19900312; ES 90104657 T 19900312