

Title (en)
LIQUID WASHING PRODUCT

Title (de)
FLÜSSIGWASCHMITTEL

Title (fr)
PRODUIT LIQUIDE DE LAVAGE

Publication
EP 0715647 B1 19980107 (DE)

Application
EP 94926859 A 19940820

Priority
• DE 4329065 A 19930828
• EP 9402774 W 19940820

Abstract (en)
[origin: WO9506703A1] A storage stable, colour change-inhibiting, liquid textile washing product has 100 to 2000 mPa.s viscosity (at 20 DEG C) and contains water-soluble protein derivatives selected among protein-fatty acid condensates, protein hydrolysates and cationically derived protein hydrolysates. Also disclosed is the use of said protein derivatives as colour-transfer-inhibitors in textile washing products, preferably liquid textile washing products, and as viscosity regulators in liquid textile washing products.

IPC 1-7
C11D 3/00; **C11D 10/04**; **C11D 3/382**; **C11D 3/384**

IPC 8 full level
C11D 3/00 (2006.01); **C11D 3/382** (2006.01); **C11D 3/384** (2006.01); **C11D 10/04** (2006.01); **C11D 1/14** (2006.01); **C11D 1/22** (2006.01); **C11D 1/32** (2006.01); **C11D 1/66** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP)
C11D 3/0021 (2013.01); **C11D 3/382** (2013.01); **C11D 3/384** (2013.01); **C11D 10/04** (2013.01); **C11D 10/045** (2013.01); **C11D 1/14** (2013.01); **C11D 1/22** (2013.01); **C11D 1/32** (2013.01); **C11D 1/662** (2013.01); **C11D 1/72** (2013.01)

Citation (examination)
• US 4451385 A 19840529 - TAVSS EDWARD A [US], et al
• EP 0530418 A1 19930310 - PROTEIN TECH INT [US]
• Schwuger M.J.; Rybinski W. von: 'Farbstoffe und Faerbungen in der industriellen Textilwaesche', Duesseldorf, Tenside Detergents 23(4), 1986, s.200-207

Designated contracting state (EPC)
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WO 9506703 A1 19950309; AT E161877 T1 19980115; DE 4329065 A1 19950302; DE 59404971 D1 19980212; EP 0715647 A1 19960612; EP 0715647 B1 19980107; EP 0715647 B2 20040602

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