

Title (en)

EQUIPMENT FOR TRANSFERRING MILK FROM A MILKING MACHINE TO A STORAGE TANK

Title (de)

VORRICHTUNG ZUR ÜBERTRAGUNG VON MILCH AUS EINER MELKMASCHINE IN EINEN SPEICHERBEHÄLTER

Title (fr)

INSTALLATION DE TRANSFERT DE LAIT DEPUIS UNE MACHINE À TRAIER JUSQU'À UNE CUVE DE STOCKAGE

Publication

EP 2194774 A2 20100616 (FR)

Application

EP 08829572 A 20080828

Priority

- FR 2008051537 W 20080828
- FR 0706053 A 20070829

Abstract (en)

[origin: WO2009030860A2] The invention relates to equipment for transferring milk from a milking machine to a storage tank (3), wherein said equipment comprises a milk collecting tank (2) combined with a pump (6) for transferring the milk up to the storage tank (3) via a piping system (5) provided with at least one heat exchanger (10) for cooling or at least pre-cooling the transferred milk, said milk transfer pump (6) being driven according to cycles from information provided by a milk-level sensor arranged in said collecting tank. According to the invention, the equipment further includes a means (16), advantageously in the form of at least one circulator, for the closed loop circulation of at least a portion of the milk upstream from the storage tank (3) within the heat exchanger (10).

IPC 8 full level

A01J 5/04 (2006.01); **A01J 9/04** (2006.01)

CPC (source: EP)

A01J 5/044 (2013.01); **A01J 9/04** (2013.01)

Citation (search report)

See references of WO 2009030860A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

FR 2920268 A1 20090306; FR 2920268 B1 20121019; EP 2194774 A2 20100616; WO 2009030860 A2 20090312; WO 2009030860 A3 20090430

DOCDB simple family (application)

FR 0706053 A 20070829; EP 08829572 A 20080828; FR 2008051537 W 20080828