

Title (en)

Device for dewatering biomass and vehicle using same

Title (de)

Vorrichtung zur Entwässerung von Biomasse und diese verwendendes Fahrzeug

Title (fr)

Dispositif de déshydratation de biomasse et véhicule utilisant celui-ci

Publication

**EP 2290309 A3 20141119 (DE)**

Application

**EP 10165183 A 20100608**

Priority

DE 102009038360 A 20090822

Abstract (en)

[origin: EP2290309A2] The device has a conveying section provided for conveying biomass i.e. harvested goods stream (1), where the section runs through two pressing gaps (7, 13) that are limited by two pairs of rollers (4, 5, 10, 11), respectively. One of the roller pairs is arranged in a linear extension of one of the gaps, and an outlet for squeezed water is arranged at the section before the gaps. One of the rollers of each roller pair is deflected transverse to a plane of the gaps, where the deflected roller of each roller pair is pressed against the other roller of the roller pair by a hydraulic cylinder.

IPC 8 full level

**F26B 5/14** (2006.01)

CPC (source: EP)

**F26B 5/14** (2013.01)

Citation (search report)

- [X] DE 1962777 A1 19710624 - WIENEKE FRANZ DR ING PROF, et al
- [X] DE 4432662 A1 19960321 - SAME SPA [IT]
- [X] DE 1778948 A1 19710819 - TEXAS INDUSTRIES INC
- [X] US 4051882 A 19771004 - HASEGAWA KATSUJI
- [XAYI] US 2004144265 A1 20040729 - MACKIE PETER GILBERT [AU]
- [YD] DE 102004003011 A1 20050811 - PROTON TECHNOLOGY GMBH I GR [DE]
- [A] DE 1931578 A1 19710121 - WIENEKE PROF DR ING FRANZ

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

**EP 2290309 A2 20110302; EP 2290309 A3 20141119; DE 102009038360 A1 20110224**

DOCDB simple family (application)

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