

Title (en)
INTEGRATED ROTOR BRAKE

Title (de)
INTEGRIERTE LÄUFERBREMSE

Title (fr)
FREIN DE ROTOR INTÉGRÉ

Publication
EP 3433144 A1 20190130 (DE)

Application
EP 17705839 A 20170214

Priority
• DE 102016204918 A 20160324
• EP 2017053230 W 20170214

Abstract (en)
[origin: WO2017162372A1] A rotor braking device for a hydrodynamic transmission unit having a brake pad (1, 1a, 1b, 1c) and a pressing element (5, 5a, 5b, 5c, 5d), designed in such a way that, when the rotor brake is activated, the pressing element (5, 5a, 5b, 5c, 5d) presses the brake pad (1, 1a, 1b, 1c) against a rotational element (13) of the hydrodynamic transmission unit, and thus the rotational element (13) can be braked, wherein the pressing element (5, 5a, 5b, 5c, 5d) is a hydraulic cylinder (5, 5a, 5b, 5c, 5d) which is at least partially integrated into a channel plate (3), wherein at least one supply line (33, 33a) for controlling the hydraulic cylinder (5, 5a, 5b, 5c, 5d) is provided and is at least partially integrated into the channel plate (3), and wherein the channel plate (3) has additional channels (30, 31, 32) which are used to control and/or to supply additional transmission elements.

IPC 8 full level
B60T 1/00 (2006.01); **B60T 1/08** (2006.01); **B60T 10/02** (2006.01); **B60T 10/04** (2006.01)

CPC (source: EP)
B60T 1/005 (2013.01); **B60T 1/06** (2013.01); **B60T 1/087** (2013.01); **B60T 10/02** (2013.01); **B60T 10/04** (2013.01); **B60T 11/08** (2013.01); **B60T 13/585** (2013.01)

Citation (search report)
See references of WO 2017162372A1

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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2017162372 A1 20170928; CN 108883747 A 20181123; CN 207261509 U 20180420; DE 102016204918 A1 20170928; EP 3433144 A1 20190130

DOCDB simple family (application)
EP 2017053230 W 20170214; CN 201720291476 U 20170323; CN 201780019464 A 20170214; DE 102016204918 A 20160324; EP 17705839 A 20170214