

Title (en)
GAS GENERATOR FOR AN AIRBAG SYSTEM

Title (de)
GASGENERATOR FÜR EIN AIRBAGSYSTEM

Title (fr)
GENERATEUR DE GAZ POUR SYSTEME D'AIRBAG

Publication
EP 0883524 A1 19981216 (DE)

Application
EP 97914284 A 19970320

Priority
• DE 19611102 A 19960321
• EP 9701434 W 19970320

Abstract (en)
[origin: DE19611102A1] The invention concerns a gas generator comprising: a combustion chamber part (12) which contains a gas-generating material (18); and a dust separator (13) for separating solids present in the gas flow generated. According to the invention, in order to prevent the air bag from inflating too suddenly and thereby injuring vehicle occupants, the combustion chamber part (12) is divided into at least two combustion chambers (16, 17) which operationally are independent of each other, each comprising its own ignition element (19, 20). The ignition elements (19, 20) are controlled successively in a chronologically staggered manner in order to lengthen the gas-generation time interval.

IPC 1-7
B60R 21/26

IPC 8 full level
B60R 21/264 (2006.01); **B60R 21/26** (2011.01); **B60R 21/263** (2011.01)

CPC (source: EP)
B60R 21/2644 (2013.01); **B60R 2021/2633** (2013.01); **B60R 2021/2648** (2013.01)

Citation (search report)
See references of WO 9734784A1

Designated contracting state (EPC)
AT CH DE ES FI FR GB IT LI SE

DOCDB simple family (publication)
DE 19611102 A1 19970925; EP 0883524 A1 19981216; TW 336199 B 19980711; WO 9734784 A1 19970925

DOCDB simple family (application)
DE 19611102 A 19960321; EP 9701434 W 19970320; EP 97914284 A 19970320; TW 86103434 A 19970319