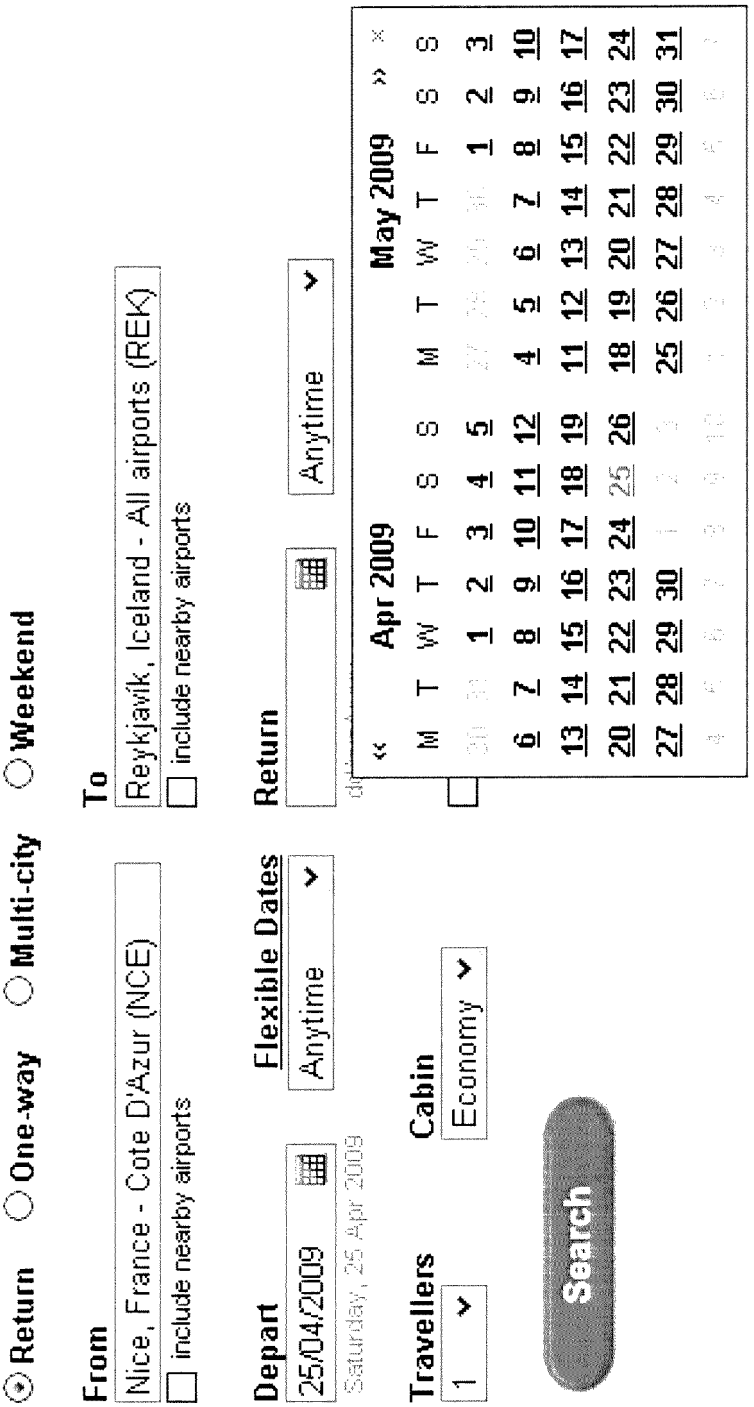

Flights
Hotels
Cars
Fare Buzz
more
Return
One-way
Multi-city
Weekend
From
Nice, France - Cote D'Azur (NCE)
include nearby airports
To
Reykjavik, Iceland - All airports (REK)
include nearby airports
Depart
25/04/2009
Saturday, 25 Apr 2009
Flexible Dates
Anytime
Return
Anytime
Travellers
1
Cabin
Economy
Search
Apr 2009
May 2009
M T W T F S S
1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18 19
20 21 22 23 24 25 26
27 28 29 30
M T W T F S S
1 2 3
4 5 6 7 8 9 10
11 12 13 14 15 16 17
18 19 20 21 22 23 24
25 26 27 28 29 30 31

FIG. 1

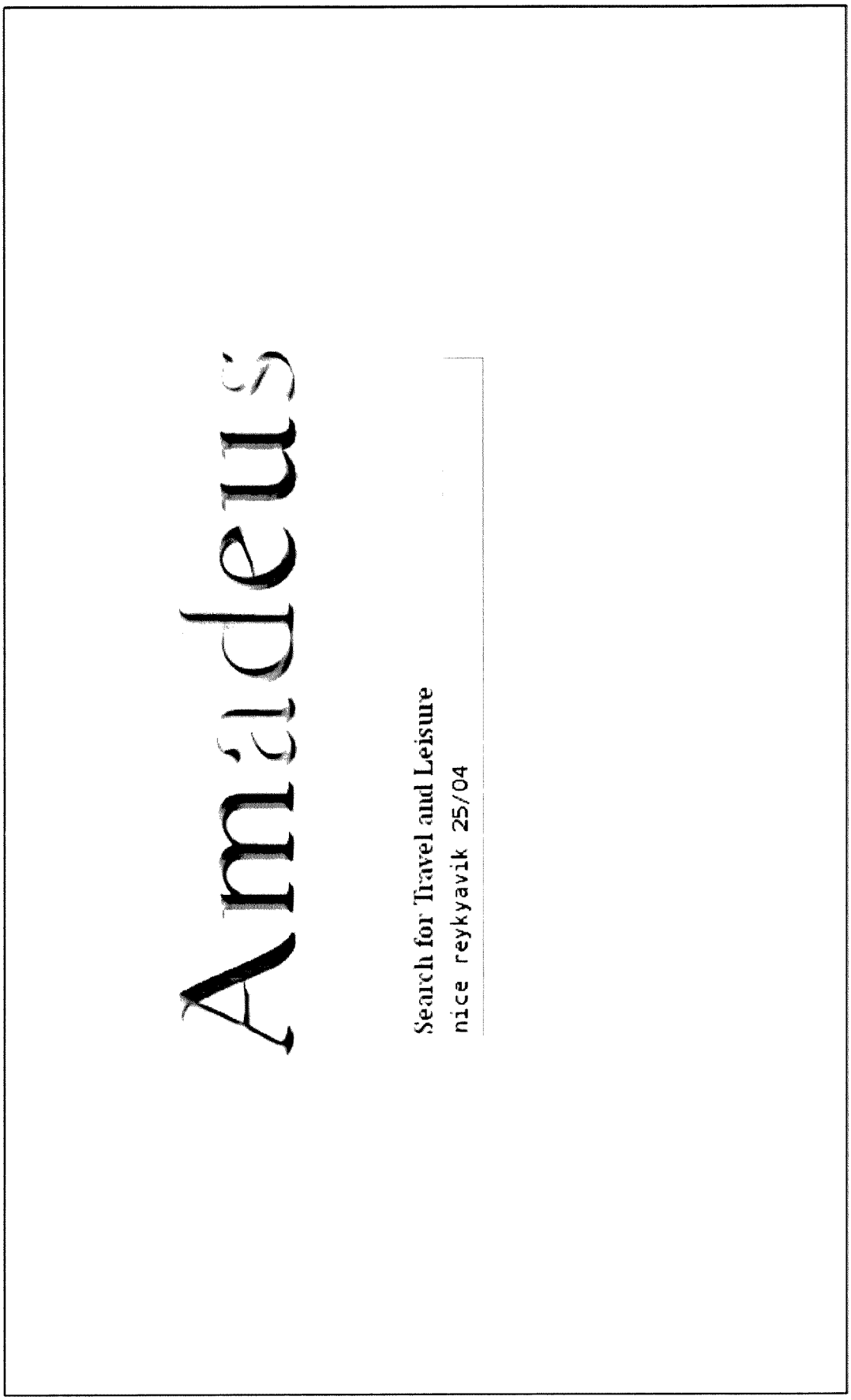


FIG.2a

LUDWig

NCE KEF 25/04/08 +7 2 adults 1 child 1 dog kl fi af ba | Search | Back

Leave Date

< April, 2008 >

S	M	T	W	T	F	S
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3
4	5	6	7	8	9	10

Return Date

< May, 2008 >

S	M	T	W	T	F	S
27	28	29	30	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
1	2	3	4	5	6	7

From: NCE (NICE)
To: KEF (REYKJAVIK)
Date: Fri, Apr 25 at 8:36pm

715.38 € (+ 150.38 € taxes)

Flight: KL1264 (operated by KL) NCE-AMS
Departs: Fri, Apr 25 at 9:45am Arrives: Fri, Apr 25 at 11:55am

Flight: FI503 (operated by FI) AMS-KEF
Departs: Fri, Apr 25 at 2:00pm Arrives: Fri, Apr 25 at 3:10pm

Flight: FI212 (operated by FI) KEF-CPH
Departs: Fri, May 2 at 1:15pm Arrives: Fri, May 2 at 6:15pm

Flight: SK793 (operated by SK) CPH-NCE
Departs: Sat, May 3 at 9:10am Arrives: Sat, May 3 at 11:30am

740.39 € (+ 150.39 € taxes)

Flight: AF7701 (operated by AF) NCE-CDG
Departs: Fri, Apr 25 at 10:10am Arrives: Fri, Apr 25 at 11:45am

Flight: FI543 (operated by FI) CDG-KEF
Departs: Fri, Apr 25 at 2:15pm Arrives: Fri, Apr 25 at 3:45pm

Flight: FI454 (operated by FI) KEF-LHR
Departs: Fri, May 2 at 4:10pm Arrives: Fri, May 2 at 8:10pm

Flight: BA342 (operated by BA) LHR-NCE
Departs: Sat, May 3 at 7:20am Arrives: Sat, May 3 at 10:15am

740.39 € (+ 150.39 € taxes)

Flight: AF6205 (operated by AF) NCE-ORY
Departs: Fri, Apr 25 at 9:05am Arrives: Fri, Apr 25 at 10:30am

Commercial Links

Fly Blue
www.airfrance.fr

Tea and Fly!
www.ba.com

One week in REYKJAVIK
www.lastminute.com

Flight + Hotel to REYKJAVIK
www.expedia.com

Shopping Basket

+ NCE-KEF: 865.76 €

Total: 865.76 €

Clear | Book!

Figure 2b

LUDWig
Search
Back
What did you mean? My recommendations are:
NCE (NICE) KEF
(REYKJAVIK)

Fig 2c

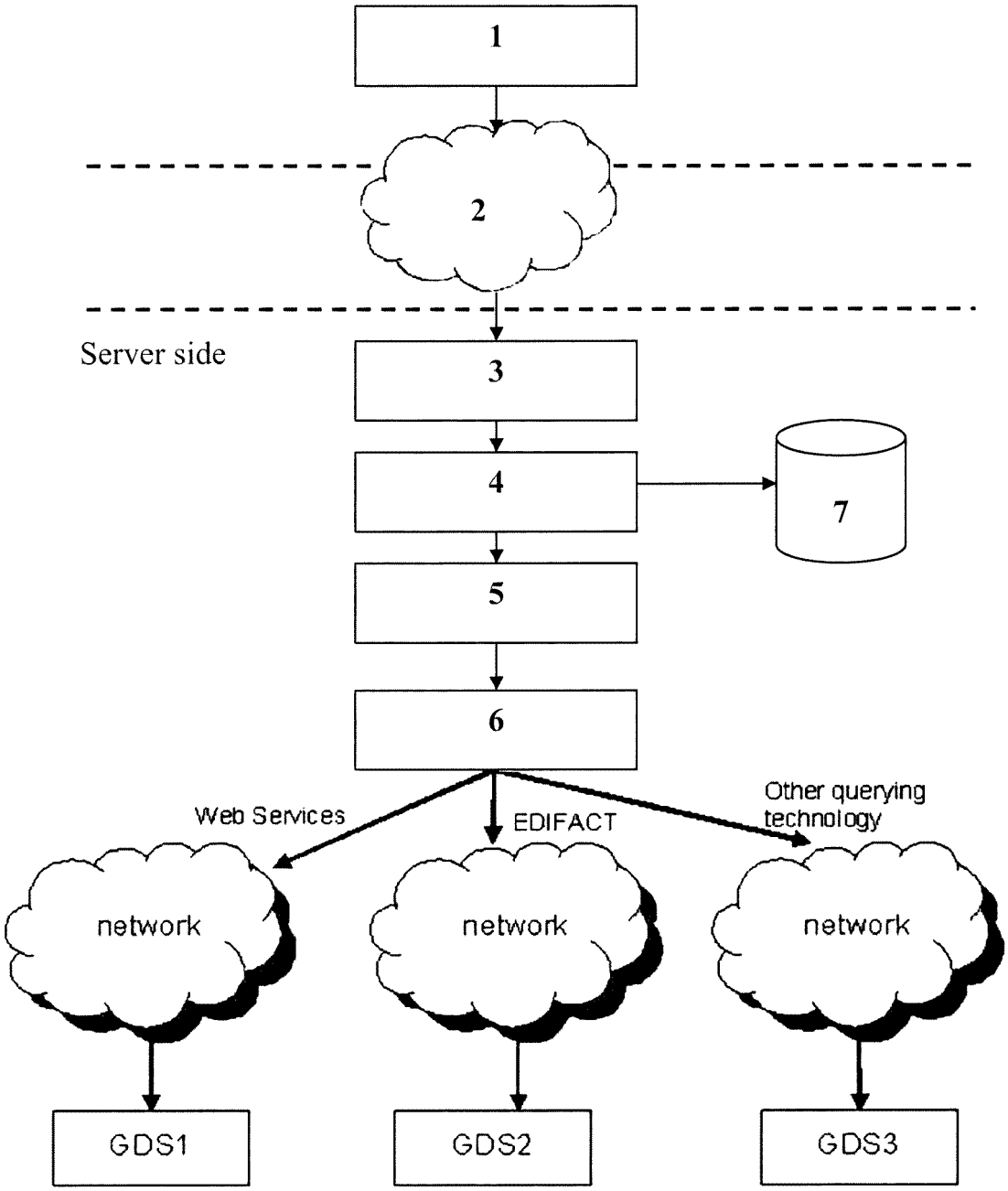

1
2
Server side
3
4
7
5
6
Web Services
EDIFACT
Other querying technology
network
network
network
GDS1
GDS2
GDS3

Fig. 3

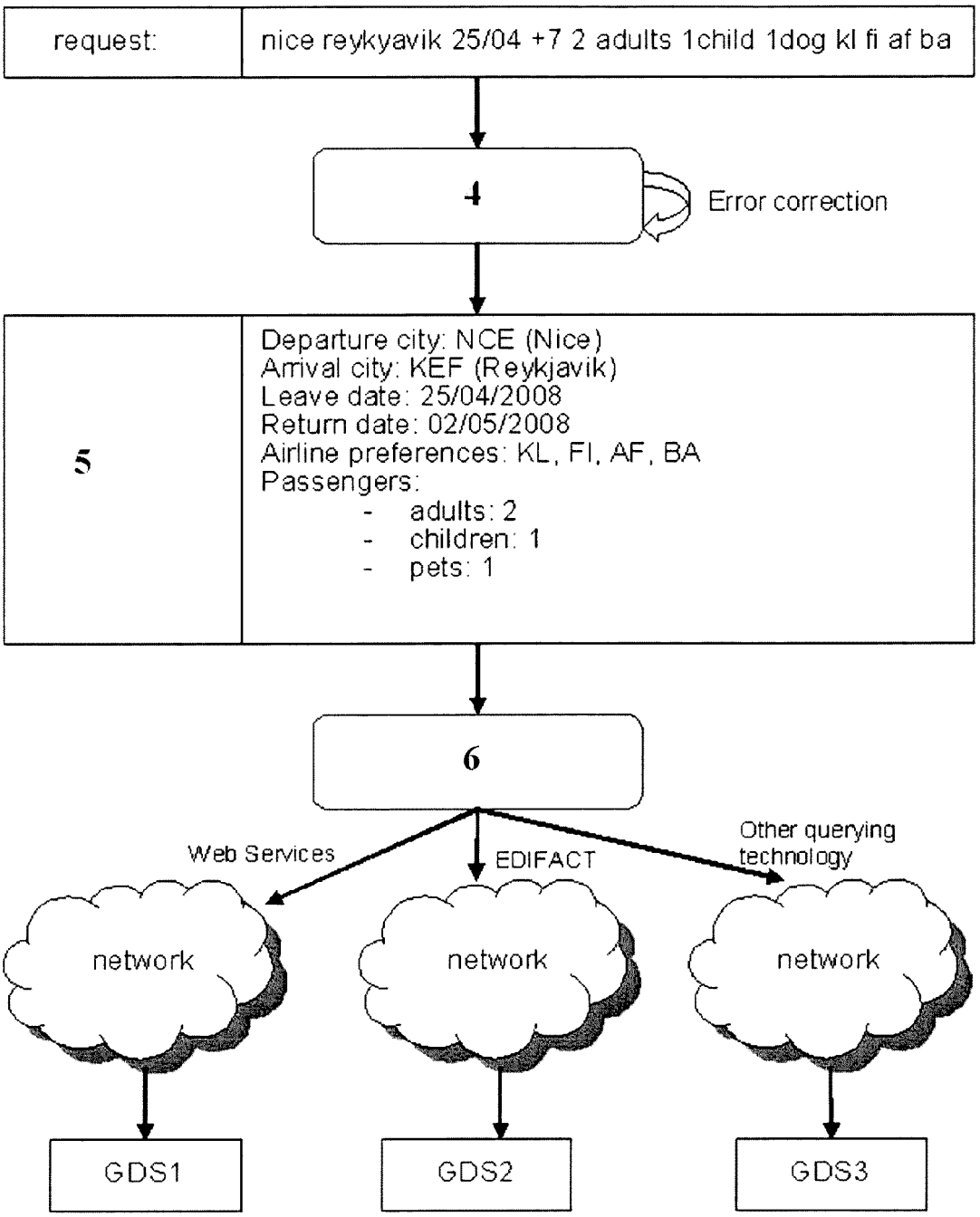

request:
nice reykyavik 25/04 +7 2 adults 1child 1dog kl fi af ba
4
Error correction
5
Departure city: NCE (Nice)
Arrival city: KEF (Reykjavik)
Leave date: 25/04/2008
Return date: 02/05/2008
Airline preferences: KL, FI, AF, BA
Passengers:
- adults: 2
- children: 1
- pets: 1
6
Web Services
EDIFACT
Other querying technology
network
network
network
GDS1
GDS2
GDS3

Fig.4

Iter1	Iter2	RemainingToBeParsed	AssociationList	LongestRecognisedSubList	MatchesSubList	HasMatched	LongestMatch
	1.b	"lso angeles rio de janero 22/06 +7 2 adults 1 child 1 dog -lh"	() (empty list of associations)	"lso angeles rio de janero 22/06 +7 2 adults 1 child 1 dog -lh"	() (empty list)	False	N/A
	1.b	*Id.*	*Id.*	...	*Id.*	False	N/A
	1.b	*Id.*	*Id.*	"lso angeles rio de janero"	*Id.*	False	N/A
	1.b	*Id.*	*Id.*	"lso angeles rio de"	*Id.*	False	N/A
	1.b	*Id.*	*Id.*	"lso angeles rio"	*Id.*	False	N/A
	1.b	*Id.*	*Id.*	"lso angeles"	("los angeles")	True	N/A
1.d		"rio de janero 22/06 +7 2 adults 1 child 1 dog -lh"	("lso angeles" ←→[1] "los angeles")	*Id.*	*Id.*	True	"los angeles"
	1.b	*Id.*	*Id.*	"rio de janero 22/06 +7 2 adults 1 child 1 dog -lh"	() (empty list)	False	N/A
	1.b	*Id.*	*Id.*	...	*Id.*	False	N/A
	1.b	*Id.*	*Id.*	"rio de janero"	("rio de janeiro")	True	N/A
1.d		"22/06 +7 2 adults 1 child 1 dog -lh"	("lso angeles" ←→ "los angeles", "rio de janero" ←→ "rio de janeiro")	*Id.*	*Id.*	True	"rio de janeiro"
	1.b	*Id.*	*Id.*	"22/06 +7 2 adults 1 child 1 dog -lh"	() (empty list)	False	N/A
	1.b	*Id.*	*Id.*	...	*Id.*	False	N/A
	1.b	*Id.*	*Id.*	"" (empty string)	*Id.*	False	N/A
	1.c	"+7 2 adults 1 child 1 dog -lh"	("lso angeles" ←→ "los angeles", "rio de janero" ←→ "rio de janeiro", "22/06" ←→ "")	*Id.*	*Id.*	False	N/A

Fig. 5a

SUBSTITUTE SHEET (RULE 26)

	1.b	*Id.*	*Id.*	"+7 2 adults 1 child 1 dog -lh"	() (empty list)	False	N/A
	1.b	*Id.*	*Id.*	...	*Id.*	False	N/A
	1.b	*Id.*	*Id.*	"" (empty string)	*Id.*	False	N/A
	1.c	"2 adults 1 child 1 dog - lh"	("lso angeles" ←→ "los angeles", "rio de janero" ←→ "rio de janeiro", "22/06" ←→ "", "+7" ←→ "")	*Id.*	*Id.*	False	N/A
...	...	...	...	...	...	...	...
	1.c	"" (empty string)	("lso angeles" ←→ "los angeles", "rio de janero" ←→ "rio de janeiro", "22/06" ←→ "", "2 adults" ←→ "", "1 child" ←→ "", "1 dog" ←→ "", "-lh" ←→ "")	*Id.*	*Id.*	False	N/A

Fig. 5b

Search data field	Default Value if none specified
origin	- determined by geolocation (IP address, WIFI/GSM triangulation, GPS, etc) - determined by user preferences
destination	- determined by popularity from origin (e.g. Paris, France if origin is Nice, France) - determined by user preferences
departure date	- today + n days - determined by user preferences
return date	- today + (n + 7) days - determined by user preferences
departure time	- 12pm - determined by user preferences
return time	- 12pm - determined by user preferences
adult passengers	- 1 - determined by user preferences
other passengers (children, infants, dogs, etc)	- 0 - determined by user preferences
cabin (first, business, coach, etc)	- coach - determined by user preferences
other true/false options (direct flight, jet service, smoking flight, etc)	- false - determined by user preferences

Fig. 6